



51.05 NKE

U. S. DEPARTMENT OF COMMERCE

LEWIS L STRAUSS, Secretary
WEATHER BUREAU
F W. REICHELDERFER, Chief

181

CLIMATOLOGICAL DATA

KENTUCKY

JANUARY 1959 Volume LIV No. 1



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APR - 1059 .

UNIVERSITY OF ILLINOIS

KENTUCKY - JANUARY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 72° on the 22+ at 5 stations

Lowest Temperature: -8° on the 6+ at 3 stations

Greatest Total Precipitation: 7.89 inches at Dundee Barretts Ford

Least Total Precipitation: 2.60 inches at Freeburn

Greatest One-Day Precipitation: 4.20 inches on the 22nd at Dundee

Barretts Ford

Greatest Reported Total Snowfall: 13.0 inches at Benham

Greatest Reported Depth of Snow on Ground: 5 inches on the 27th at

Grant Dam 38

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all the tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

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CLIMATOLOGICAL DATA

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Station		4 2	8 • ≤	86.10	Separa e from La	Đ in I	(.)	2000	1 P	25.00		3 11	AAII		I	6 1 1 0 0 1 1 0 0 1 1 0	å	e e	460	Mar Dec .	214	0.00	2	
WESTERN						-	-				-						-				1	Н		
BEAVER DAM BENTON 2 FORDS FERRY DAM 50 GOLDEN POND 8 N GREENVILLE 2 W		45.0M 45.7 43.1 46.0 45.2	23.6M 22.5 23.1 21.8 23.9	34.3M 34.1 33.1 33.9 34.6	- 2.9	66 69 67 70 68	21 21 21	- 2 0 - 8 - 3	5 5 5 5	945 950 983 958 938	0 0 0	6 6 4	22 24 24 24 24 22	1 1 2 1	5.64 5.27 5.21 4.30 4.77	•52 - •33	2.56 2.39 2.02 1.38 2.08	21 21 21 21+ 21	•6	1 0	28+	5 6 6	3 4 3 3	1 1 1 2 2
HENDERSON 4 SW HICKMAN 1 E HOPKINSVILLE LOVELACEVILLE MADISONVILLE 1 SE	AM AM	43.1 44.2M 44.9 45.2 44.6	22.5 23.4M 21.8 23.3 22.8	32.8 33.8M 33.4 34.3 33.7	- 4.7 - 4.7 - 3.8	65 70 69 67 68	2.1	- 3 0 - 2 - 3 - 2	5 5 5 5	988 959 973 944 961	0 0 0 0	5 6 5	24 22 22 23 24	1 2 1 1	6.95 5.20 5.09 5.59 5.20	37 -55	3.06 1.50 2.06 2.57 1.51	21 21 22 21 20	2 • 5 T	0 0	5+	6 8 8 5 7	2 3	3 2 2 3 2
MAYFIELD MURRAY OWENSBORO 2 W PADUCAH FAA AIRPORT PADUCAH		44.6 45.3 42.7 43.0 45.3	24.8 25.3 23.0 22.9 22.3	34.7 35.3 32.9 33.0 33.8	- 3.6 - 3.7	67 69 64 67 67	21	0 0 0 - 1 - 4	5 5 5 5	932 913 988 987 961	0 0 0	6 6 7	23 22 23 24 24	1 1 1 2	5.53 D 7.53 5.72 5.42	2•71 •42	1.61 1.08 2.92 2.49 2.10	21 21 21 20 21	1 • 0 1 • 6 T	1 1 T 0	4 28+ 27+	5 7 6 4	1 1	1323
PRINCETON RUSSELLVILLE		46.5M 45.9	22.0M 23.5	34.3M 34.7	- 3.9 - 2.7	65 70		- 3 - 2	5	946 932	0		25 24	1 1	0 5.63	•43	2.80	21	1.0	1	3	7 8	3	2
DIVISION				33.9	- 3.8										5.54	. 44			• 7					
CENTRAL ANCHORAGE BARDSTOWN S J PREP SCH BONNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		42.7 45.0M 45.0 44.4 45.5	20.3 23.3M 22.7 23.0 23.9	31.5 34.2M 33.9 33.7 34.7	- 3.3 - 5.0	65 69 71 70 69	21	- 6 - 4 - 5 - 2 - 3	5 5 5 5 5	1031 946 957 960 932	0 0 0 0	3 6	24 22 21 24	1 2 1	5.36 5.63 5.62 3.96	•86 - •20	1.72 1.60 2.30 2.96 1.10	20 20 21 21 21	.7 .7 1.0 T	0 0 1	28+ 15+ 18+	5 4 7 8	4 3 3	2 2 2 1 1
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АМ	45.1 44.3 45.8 44.7 43.9	21.7 21.0 22.9 20.3 22.3	33.4 32.7 34.4 32.5 33.1	- 5.1 - 3.6	66 68 72 69 65	21 21 21 22	- 7 - 4 - 4 - 3 - 5	5 5 5 6+ 5	972 995 942 1001 979	0 0 0 0	4 5 6	21 22 22 23 23	3 1 1 2 2	5.45 4.83 6.19 4.93 6.42	54 1.83	2.56 1.63 2.91 1.09 2.41	21 21 21 20 21	1.6 3.0 3.0 2.0	0 T 1 1	27+ 9+ 27+ 4	6 7 6 9 6	4 3 3 4	1 2 2
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	R AM	43.9 44.5 42.4 43.9 41.8	24.0 24.1 22.5 22.7 20.7	34.3 34.3 32.5 33.3 31.3	- 3.4 - 2.4 - 4.7	68 67 66 70 64	21	- 3 - 1 - 2 - 2 - 3	5 5 5 6+ 5	953 944 1001 979 1039	0 0 0 0	3 6 6	23 21 23 21 24	1 1 1 4 2	4.96 5.95 5.51 5.64 4.13	- •65 1•41 - 1•41	1.41 2.15 2.15 2.27 1.40	20 21 21 21 21 20	T 1.5 4.6	1 4 0	27+ 27 8	7 5 7 7	4 3 4	2 2 2 1
SCOTTSVILLE SUMMER SHADE WOLF CREEK DAM	AM	46.4 45.6 46.4	24.4 22.3 21.0	35.4 34.0 33.7		72 68 72	21 21 22	- 3 - 2 - 3	5 5 6	909 955 961	0 0	5	23 22 22	1 2 2	5.49 4.63 4.09		2.00 1.38 1.66	21 15 16	T 1.5	0	22+	8 8	3 4 3	2 2
DIVISION				33.5	- 3.5									1	5.22	06			1.5					
BLUE GRASS																								
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT CYNTHIANA 2 DANVILLE	R AM AM	45.5 42.4 39.2 40.5 41.5	24.5 21.0 19.4 18.1 21.1	35.0 31.7 29.3 29.3 31.3	- 3·2 - 2·5	70 67 66 69 67	21 21 21 22 22	- 6 - 5 - 6 - 3	6 5 5 18+ 6+	923 1027 1102 1097 1035	0 0 0	7 10 9	2 2 2 4 2 8 2 6 2 3	1 2 3 5 2	3.79 5.21 7.61 0 5.45 4.78	- 1.29 1.18 4.21 50	.97 1.36 3.97 1.45 1.10	15 22 21 21 22	8.0 6.9	4 1 4	27 27+ 17+	7 7 6 8 8	5	0 2 2 2 2
DIX DAM FALMOUTH FARMERS FLEMINGSBURG 2 FRANKFORT LOCK 4	Ам	44.6 43.1 45.5 42.0 41.5	23.7 20.1 21.7 20.4 19.9	34.2 31.6 33.6 31.2 30.7	- 3.2 ~ 5.9	69 70 71 69 68	21 21 21 21 21 22	- 5 - 5 - 4 - 8 - 3	5 5 5 6+	951 1027 962 1040 1057	0 0 0 0	7 6 7	21 25 22 22 23	1 3 4 4 4 4	5.68 4.23 5.55 5.42	1 • 66 - • 45 • 92	1.17 1.46 1.08 1.53 1.44	20 22 22 21 21	2 • 0 3 • 5	2 3	27 18+	7 8 8 7 6	4	1 2 1 2 2
LEXINGTON WB AIRPORT MAYSVILLE DAM 33 MOUNT STERLING RICHMOND SHELBYVILLE 2 W	R AM AM	40.6 40.8 44.6 41.7 43.5	21.5 18.5 21.5 20.9 21.5	31.1 29.7 33.1 31.3 32.5	- 2.8 - 6.0 - 3.4	67 70 67 70 62	22	- 4 - 4 - 7 - 5	5 6+ 5 6+ 5	1043 1088 984 1036 998	0 0 0 0	11 5 7 2	23	3 5 1 3 2	4.86 5.14 5.65 4.13 5.33	•36 •80 •81	1.37 1.25 1.18 .98 1.29	21 22 21 20 21	3.3 6.3 2.1	2 2 3 1	18+ 19+ 17+ 17+	7 7 12 8	4 5 5 4 5	
WILLIAMSTOWN 5 WSW	AM	39.5	16.8	28.2	- 7.2	67	22	- 8	6	1129	0	10 2	27	5	5.20	•77	1.41	21	4.0	3	27	8	5	
OIVISION				31.5	- 4.9										5.20	.37			4.1					
EASTERN ASHLAND DAM 29 BARBOURVILLE BAXTER BENHAM BLAINE	Am Am	44.0 49.6 43.6 43.2 46.5	23.6 22.6 20.8 18.6 20.4	33.8 36.1 32.2 30.9 33.5	- 3.9		21	- 2 - 4 - 3 - 3		958 888 1008 1049 970	0 0 0 0 0	4 2	23	1 3 2 5	4.02 4.06 4.48 4.81	•09	•96 •92 2•30 2•36	16 22 22 22	13.0	1 4 4	18+ 17 10+	8 8 8 7	3 3	0 0 1
DEWEY DAM	AM	44.7	21.1	32.9		71		- 1	5	985	0			2	3.50		•60 1•33	15	4.0	1	16	7	2	
GRAYSON HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH	R AM	46.8 42.3	20.4	33.6 30.6		70 68	21	- 4 - 3	5 11+	965 1060	0	5 2	2	5 4		- 1.10	.83 1.75	20+	5.0		10+	9	3 (0
INEZ LONDON FAA AIRPORT MANCHESTER 4 SE MIODLESBORO MONTICELLO MOUNT VERNON		47.9 44.2 48.8 48.8 47.5 44.8	20.0 20.9 22.4 24.8 24.5 22.6	32.6 35.6 36.8 36.0 33.7		67 68	21 21 21 21	- 2 - 2 - 2 - 4 - 5	5	957 998 901 867 892 965	0 0 0 0 0	7 2 4 2	6 0 0 9		3.64 3.54 5.74 3.50 4.21		1.85 1.19 1.43 2.67 .79 1.16	21 22 22 22 15	3.3 3.0 .8 1.5	1	17+ 16+ 18+ 10+	8 8 7 7 9	2 1 2 1 5 1 3 0	
					1												1.10					7	4 1	

ONTINCED

KENTUCKY

					Tem	perat	ure										Precip	oitation					
											No	o of Day	15					Sno	ow, Sleet		N	0 01	Days
Station		Average	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Dafe	Degree Days	Above at Above 370 or	Bolow 32° of Below	0 31	Total	Departure From Long	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More -	50 or More	100 or More
PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY WILLIAMSBURG 2 DIVISION	AM AM	47.0 46.5 43.5 41.2 46.5	25.9 21.6 21.3 18.2 24.3	36.5 34.1 32.4 29.8 34.4	- 6.1 - 5.1	71 69 72 70 66	21 21	3 - 5 - 3 - 5 - 2	5 5 6+ 6+	878 951 1005 1084 943	0	4 18 5 22 6 24 9 26 6 22	3 5	2.94 3.96 5.14 0 4.11 4.06	- •64	1.00 1.16 1.05	21 15 24 20 22	2.6 1.5 2.0 6.8 2.0	1	17+ 9+ 18+	9	5	1 1 1

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	erages -		Numi	per of d	aye with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON WB AIRPORT	SW	16	10.8	46	WSW	21	74	76	67	66	13	4	1	3	1	1	23	-	
LEXINGTON WB AIRPORT	SSW	16	12.8	-	-	-	83	84	73	78	7	6	3	1	3	0	20	-	6.8
LOUISVILLE WB AIRPORT	S₩	12	11.3	42	SE	21	76	79	64	67	6	6	4	1	1	1	19	43	6.8

DAILY PRECIPITATION

FIREWAY 1959

Chahan	ਰ						Da	y of mor	th												
Station	1 6	1 2 3	4 5 6	7 8		0 11 12	13	14 1		17 18	19	20 21	22 2	3 24	25	26			29 3	0	31
ADDISON OAH 49 ADOLPHUS I N ALRANY ALLEN ANCHORAGE	1.70	1 +95 T +42 +15 +16 +16	1 1 0 3 0 0 0	-01 -31 -0	19 1 = 10 - 31	.01		.04 .	04, +13 00, +50 34: +79 +65 91 T	1 1 .04 .10 1	+04	.72 2.02 .80 1.15 .65 .59 1.72 1.57	.90 .69 L.31				.10 .19 .17 .17	·14 1 ·01 ·41	• O J		•
APEX 2 NE ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BAXTER	5.80 4.02 4.06	+30 +18	*06 *02 *01 T	.11 .00 .65	T T	.04	•03	•05 •03	43 .45 65 .96 50 .30 07 10 .75	* *1:		1.25 .35 .57 .34 .31 .80 1.60 1.42 .29 .20	.76 .92			.04	.14 .18 .09	.04 T	•02 •02	. 02 T	•
BEAVER DAM BENMAH BENTON 2 BEREA COLLEGE BEREA WATER WORKS	5.64 4.81 5.27 3.79 3.89	.15 .10 T	.03 T	•01 =0: •0: •04 =1: •1: •0:	3 -45	.09 T		•02	92 05 •75 T5 97 •20 29 •95	•07		1.50 2.56 .53 .12 1.49 2.39 .94 .65				.01 .04	.0 % .2 %	.03		-07	-01 .
BLAINE BLEOSOE 2 SSE BOWNIEVILLE BOWLING GREEN BOWLING GREEN SUBSTA	5.63 9.52 4.51	RECORD MISSING -68 -48 -11	. 05 +05	T •16	. 21			•07 •	60 .30 85 38 .53 26 .61	Т	.10	.15 .50 1.24 2.30 .95 1.05	1.25			.06 T	. 41 .17 .21 .24	-10 -17		· 0 =	•
BOWLING GREEN FAA AP BRENT DAM 36 BROWNSYILLE LOCK 6 BURDINE 2 NE BURKESVILLE	5.62 5.45 0 4.76	.68 .17 .63 T	T .01 T T T	•01 •2 T •01 •30 •11	0 .05	T T	т	T 1.	79 .01 07 .26 43 .46 .60 47 .63	T 7 .03	•51	.45 2.96 .51 1.31 1.09 .70 .40 .81 .08	1.23 .91 1.30	r ī	T	.09 .04	.20	T T T	* 0 1 T	• O T	•
CADIZ LOCK E CALMOUN LOCK Z CAMPBELLSVILLE CANEYVILLE CARROLLIDN LOCK 1	4.00 6.03 3.96 4.57 5.21	•59 •48 •47 T	+04 T +01 +06 +03	+1° +0° +1° +0°	01 0 T 0 14		Т	•09 •01 •06	50 •29 48 •31 91 •10 42 •36 90 •28	T T	• 02	1.10 .34 .9T 2.02 1.10 .80 1.44 .44 .70 1.03	.01 .86	r		•05 •01 T	.33 .09 .33 .25	= O 4		•03	•
CLAY CITY 1 WNW CLERMONT 1 SSE CO88 COLLEGE MILL LOCK 11 CDVINGTON W8 AIRPORT R	3.50 5.45 4.08 3.28 7.61	•54 •43 •33 •15	T +05 T T T +03	*06 *04 *13 T *09	T .04	T T	T	•12 •06 T	80 •82 92 52 •24 30 •89 T	T T T	.08	.80 .10 .96 2.56 1.36 .37 .95 .06 1.31 3.97	.01 .70 .37	r	Т	T =02 T •03	.21 .24 .10	•08 T	•02		· · · · · · · · · · · · · · · · · · ·
CUMBERLAND FALLS ST PK CYNTHIANA CYNTHIANA OANVILLE OELPHIA 1 E	5.43 5.45 4.T8 3.74	.82 .06 .55 .06	.03 T .03 D.05 .03 .01	+48 +0" +1" +0"	-02	.01 T 7		07 o	76 •57 66 •40 30 •75 72 •	.05	5 .30 T	.51 .43 .83 1.30 1.04 1.45 1.08 .52 .91 .11	.58	r		т	.07 .06 .10	•02 •03		•02 •04 T	•
DEWEY DAN DIX DAN OUNDEE BARRETTS FORD 8R DUNNOR EDDYVILLE LOCK F	7.89 5.36	.48 T .41 -	**************************************	=0: +0: +0:	•01	т		·10	08 .66 51 - 65 .27 34 .28 58 .15	•02 T		1.17 .49	4.20			•10 T	.15 .20 .06	.20 .34 .04	T		•
EOMONTON ELIZABETHTOWN ELIKNORN CITY ELIKTON 2 S FALMOUTH	4.97 4.83 4.17 5.68	•19 T •20 •40 •62 •17	•15 T T •12 T T	*0° T *18 *2° T *0°	T - 32	T T	•04	· 25 • 15 • 03	85 •65 90 •12 18 •37 52 •45 86 •69	T •16 T T		.45 1.14	1.20 .76 1.46	r		•07	.25 .09 .25	.10 T .12 .04	T • 0 2	T • 0 3	
FARMERS FLEMINGSBURG FLEMINGSBURG 2 FORO LOCK 1D FDROS FERRY DAN 50	4 · 23 5 · 4 4 5 · 55 4 · 42 5 · 21	.91 .02 .77 .42 .37 .48 T	.02 T .02 .02 .03 T T .01 .01 T	• 00 • 22 • 00 • 01 • 02	T	T T T	ī	•20 • •45 • T • •02 •	65 .70 85 .59 91 .25 57 .78 86 .04	T T	Т	.77 .17 .87 1.57 1.39 1.53 .82 .45 1.00 2.02	T T •76 •58			T T • 0 5 T • 0 5	.18 .07 .11 .09	.03 T .07 T	T	•03 T •02	•
FRANKFORT LOCK & FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL	5.42 5.16 2.60 3.23	.30 .06 .13 RECORD MISSING	.05 T T T	+01	•27 •24 • •22	.01 .01 T	•02 T		52 .42 76 .49 04 .46 28 .70	T T	Т	.87 1.44 1.33 1.10 .27 .01	.72 .96				.05 .19 .06	.04 .22		T • 02 T	•
GEORGETOWN WATER WDRKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENDALE 1 E	5.50 5.40 6.67 6.19 4.55	.52 .07 .42 .04 .43 .53	.03 .05 .04 T	*08 *10 T *30 *12	36 T	T T		T 1.	60 .44 17 .35 54 .64 96 .04 63 .35	T T		.73 1.34 1.25 .78 1.09 2.91 1.18 .78	2.15 .88			. 0 2 . 0 3	.17 .08 .30		Т	Т	•
GOLDEN POND 8 N GRANT DAM 38 GRAYSON GREENSBURG GREENSBURG HIWAY 61 BR	4.94	.68 .02 RECORD MISSING .43 .12 .46 .04	T T .03	T .20	T25	ī		·06 ·	48 .65 42 .69	τ		1.38 1.36 .46 1.74 1.09 .50 1.19 .55	.85 .73			.05 T	. 25 .18 .39	T T •05		•02	•
GREENUP DAM 30 GREENVILLE 2 W HARTFORD 6 NW HAZARO WATER WORKS HEIDELBERG LOCK 14 R MENDERSON 4 SW	4.68 4.77 5.12 4.20 3.66	•51 •04 •19 •10 •37	.02 T .04 .01 .02 T	T .15	T	31 .06		*08 ° T •	80 .75 72 64 .22 10 .79 10 .83	.02 T		.83 .04	1.62	02		*10 T	.18	.05 .19		•04 •03	•
HICKNAM 1 E HICKSVILLE HIGH RRIDGE LOCK 7 HINOMAN SETTLEMENT SCH HOPKINSVILLE	5.20 4.94 5.03 4.30	.74 .03 .46 .49 .13 .05 .30	.09 .02 .07 .03	T .01	T .38	.15	1	•03 •	74 .09 75 .65 12 .75	.10		1.71 3.06 1.10 1.50 1.34 1.35 1.03 .87	.26 .47 .90 1.75			T •08	•10	. 05 . 20		11	
HYDER HYDER I NEZ IRVINGTON JACKSON	3.65 0 4.33 6.42 3.23	•15 •10 •56	T T T .06	.23 .04 T .05	0.05	02		.05 ·	93	.05		1.01 .31 .29 .07 1.85 .84 1.97 2.41 .80 .02	1.71 .41 .06 1.30			T • 01	.09 0.15 .21 .22	.03 .07 .42	T	01	:
KEENE 1 NNE KENTUCKY OAN LA GRANGE 1 SW LANCASTER LEITCHFIELD	4.94 5.44 6.90 3.99	.40 .60 .53 .05	.02 T T .04	.06 •11 •09	•10 •08			Т .	86 •56 51 •40 60 •72	T		.10 .40 1.17 .90 .92 2.23 1.40 1.60 1.17 .28	.58 1.40 .68				.32	. 05 . 03		02	•
LEXINGTON W8 AIRPORT R LIBERTY LITTLE HICKNAN LOCK 8 LOCKPORT LOCK 2 LONDON FAA AIRPORT	4.86	.51 .55 .10 .50 T .70 .04	002 T T	·02 ·02	•15 •15		Т	•23 1. •05 •	00 •03 •5 •65 •60 •40 •40	.03	.36	1.07 1.37 1.10 .05 1.10 .40 .77 1.30	T • 65 • 70		+01	•01	• 20 • 10	T • 15 T		03	•
LOUISA 2 LOUISVILLE W8 AP R LDUISVILLE W8 AP R LDUISVILLE UPPER GAGE	3.49 5.95 5.51 6.36	.14 .18 .70 .26 .03 .67 .05	.04 T	*01 *32 *04 T T *02 *02 *07	T T				23 •77 39 T 76 •01 17 •17	+02 T T T	T .42	.14 1.19 .80 .09 1.75 2.15 1.42 2.15 .75 1.89	.78 T T		T	*01 T	.30	T	T T •02 •01 •	05	•
MAOISONVILLE 1 SE HAMHOTH CAVE PARK MANCHESTER 4 SE NAYFIELO HAYSVILLE DAN 33	5.20 5.64 3.54 5.53	.35 .67 .27 .54	.03 T .08	.08 .36 .23	.37 T T		т	.03	.19 .17 .9 .73 1.03		÷02	1.51 1.42 1.08 2.27 .44 1.23 1.61	.75 1.43 .59			.03	.15 .27 .11 .12		-01	0.3	
NC KEE NIOOLESBORO HIDWAY NILLERSTOWN NONTICELLO	4.48 5.74 5.66 4.92	.19 .35 .05 .32	7 T	.05 .05	.25 . .52 T T T	05 T	T	-07 .1 T .0 -04 .6	.1 .72 .6 .74 .5 .43 .6 .62	T •01 T T	1	.55 1.05 1.03 .12 .58 .64 1.05 1.41 1.30 1.15	1.12 T 2.67 T 1.04			Ŧ	·17	.05 .18 T	T T	04	т :
NOUNT STERLING MOUNT VERNON HUNFOROVILLE 1 N NURRAY	5.65 4.21 5.32	•79 T	• 20 T • 03 • 04	.50 .25 .05	.17 T		T	-14 -2 -28 1-0 T 1-1	3 * 6 7 •36	.30 .03	.24	.80 1.18 .80 .77 1.13 1.64 .91 1.08	.79 .20 T			T T	.33	T T •01	тт		•

	7 =															De	av of	month																_
Station	Total	1	T	2	3	4	1	5	6	7	8	9	10	1	1 12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DLNEY DNEIDA ONEONTA QAM 35 DWENSBORO 2 W DWENSSORO QAM 46	7.15 4.50 5.16 0 7.53 7.36	• 6	0 .	• 24 • 31		*1 T T	3				•14 •28 •10 •09	T		9	,.1	Т		2 .96 .15 1.22 4 1.05 4 1.00	•90	•03	.01	T	•51 •50 1•33	2.92	.80 1.40 1.01 .98 2.55				.05 T T .05	.17 .15 .05 .30	т	Ţ,	• 02 • 04	
PAQUCAH FAA AIRPDRT PADUCAH PAINTSVILLE PIKEVILLE PINEVILLE	5.72 5.42 3.27 2.94 5.14	.1	1 2 4	• 17 • 02 • 14	•02	T T T T	Т			T T	.12 T .04 .32		.0	l 1		T	• 1 T	4 .90 1.08 .05 .21	•17	.01 .03		T	1.83	.96					•07	•50	-15	Т	T • 02	
PRINCETON RAVENNA LDCK 12 RICHMOND ROCHESTER LDCK 3 RUSSELLVILLE	0 5.63 - 4.13 5.48	.5	2 d 8	-	•10	T	3 T				.08 .16	• 06 • 02 • 17 • 08	Т			•0	•0 •0	•15 •43	.38	•03		•04	.94 .98 1.36	•11 •82	•50				•10 T	•10 •32 •05 •17	-11	т	•02	
RUSSELLVILLE SUBSTA ST JOHN BETHLEHEM ACAD SALVISA LOCK 6 SALYERSVILLE 2 SE SCDTTSVILLE	5.51 4.13 5.51 3.56 5.49	.50 .63	0 2 4			T .0	2				• 20 • 09 • 04 • 29	T • 0 8	T .04			•0	• 0 • 1 • 0	2 *	•55 •52 •62	T •03		•12	1.12	1.52	1.10				•05	•23 •15 •20 •28	.05 T	† •10 †	T	
SEBREE SHAWNEE STEAM PLANT SHELBYVILLE 2 W SHEPHERDSVILLE SDMERSET 1 N	5.43 5.33 		6 0 •	MISS 10 01 02	SING	• 0 • 0 T				т	.07 .02 .01	•13				* O :	.0		•15	+01		•20	.85 .50	2.12 1.29 1.50	1.03				T •02	•10 •12		• 02	• 02	т
SPRINGFIELD STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TAYLDRSVILLE	5.43 3.20 4.63 4.69 5.51	•30 •13 •51 •45 •60	3 .	34 24 10		T T T			т		.07 .37 .13	.54 T .30					T •1 •0	2 .78	.84 T	Т		.21	.30 .80	1.03	.94				• 03 T	+12 +15 +17 +08	. 03	т		
TURKEY CREEK SCHOOL TYRDNE LDCK 5 UNIDNTDWN 0AM 49 VALLEY YIEW LDCK 9 VANSUREN	3.79 5.59 6.38 3.86	• 64 • 43	3		ING	•1 •0 •0	T C			т	•21 •05 •02 •05	* 03 T	т	Т		Т	• 0 • 0 T • 0	2 .44		T			.97	3.90	1.49				•02 T	•39 •13 •06 •09	T • 02	т	т	
VANCEBURG DAM 32 WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTDWN 5 WSW	5.14 4.21 0 4.11 4.06 5.20					.0 T T	т	03			*01 *12 *07 *10	•19 •55 Ť	Т			Т	•0 •2	.28		.04	т	т		.04	.94 I.45	T +01			T T	•13 •30 •02 •11	0.20	т	+04 T	T
WILLDW LDCK 13 WDLF CREEK OAM WOODSURY LDCK 4	3.86 4.09 4.53	.17		32		т					•05 •05 •07	• 07 • 36 • 22		•	05	•03	•0						•97 •82 1•12	.04	.83				т	•18 •21 •34	.03			

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Sureau Airport Station, Lee Terminal, Standiford Field, Louisville 13. Kentucky or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Sureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Wax and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Sureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Maily Temperature" Table; and "Evaporation and Mind" Table, and snowfall in the "Showfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Sureau and CAA stations. For these stations snow on ground values are at 6:00 a.m., C.B.T.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

 And also on an earlier date or dates.

 Tastest observed one simule wind speed. This station is not equipped with automatic wind instruments.

 Tastest observed one simule wind speed. This station is not equipped with automatic wind instruments.

 Therenometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 AR This entry in time of observation column in Station Index means after rain.

 M Data based on observational day ending before noon.

 B Adjusted to a full month.

 N Water equivalent of snowfall sholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 M One or more days of record missing; if average value is entered, less than 10 days record in missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if

 A Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

 ST Trace, an amount too small to measure.

 Y Includes total for previous month.

 X Observation time is 1:00 a.m., C.S.T. of the following day.

 WAR This entry in time of observation column in Station Index means variable.

- In the Station Index the letters, C, D, R, and J in the "Special" column under the heading "Dbservation Time and Tables", indicate the following:
 - C Weighing Rain Cage Recording Station. Sourly precipitation values are processed for spscial purposes, and are published later in "Sourly Precipitation Data" Bulletin. G "Soil Temperature" Table.

 Wishowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

 J "Supplemental Data" Table.

Information concerning the history of changee in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation Sistory" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Diffice, Mashington 25, D.C. of Cords. Similar information for regular Meather Sureau stations may be found in the latest annual issue of Local Climatological Data for the respective detailons, obtained as Indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications MONTRLY WEATHER REVIEW and the monthly CLIMATDLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documente, Government Printing Diffice, Washington 25, D. C.

Bubscription Price: 20 cents per copy, monthly and annual; \$2.50 per year, (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

POPL YNAUHAL

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Station		1 1	2 1	3	4	5 6	7	в	9	10	11	12	13	14	Day 15	O! M	onth	18	19	20	21	22	23	24	25	26	27	28	29	30	31	reroge
ANCHORAGE	MAX	49	47	50	33	15 33	42	35 23	30	3 3	42	53	57	60	58) I	18	30	49	5.8	65	28	32	51	50	47	37	34 1.6	58	61	37	42.7
ASHLAND DAM 29	MAX	49	52	55	44	16 25	43	36	28	31	18	50	54	56	55	16	18	27	41	58	70	59	35 17	53	54	50	3 8 2 8	36	55	60	41	44.0
BARBOURVILLE	MAX	55	52	50	48	16 44	47	45	32	30	42	54	57	64	62	50	18	340	44	62	70	67	40 I 4	50	61	64	56	50	65	64	46 35	49.6
BAROSTOWN S J PREP SCH	MAX			50	47	18 37	43	37 28	31	35	44	54	58 37	65	57 31	39	19	32 10	45	60	69	39	36 17	53	50 38	48	40	3 7 2 9	5.8 3.4	63	41	45.0
BAXTER	MAX	54	50 31	48	57	25 16 0 0	38	40	34	25	26	39	41	52 34	56 38	52	22	20	33	4.8	60	64	30 13	38	51 18	58	61	45 36	59 31	60 35	55 37	43.6 20.8
BEAVER DAM	MAX	50	49	46	28	25 42	45	40	32	33			63	66	59 32	32	22	35	48	60	66	28	35 14	53	54 35	51 39	3 9 3 0	3 7 2 5	63 35	62 34	41	45.0
8ENHA M	MAX	52	51	45	51 14	21 12	43	41	35 14	25 14	28	35	42 15	52 35	56 37	52 14	16	24 - 2	35	51 35	62	64 18	27 13	36 13	50 17	56 20	60	42 31	53 31	60 36	61	43.2
BENTON 2	MAX	40 32	52 22	45 19	24	19 39 - 2 5	40 26	38 31	31 11	38	48	58	65 36	63 53	59 29	31	27	39 12	49	63 37	69 24	28	40	53	56 41	53 39	41	36 25	67	65 35	40	45.7
BEREA COLLEGE	MAX	53 45	50 26	55 25	52 11	16 16 14 - 6	44	41 25	27	29 12	40 10	51 24	52 41	62 41	62 32	33	19	31	46 25	60	70 50	50 14	38 16	53 27	57 39	55 41	44	39 31	63 36	62 38	40	45.5
BLAINE	MAX MIN	53 38	50 33	57 16	52 16	18 32 - 2 - 4	44 8	40 27	27	25 10	40	49	57 27	59 21	57 44	10	19 - 3	30 - 3	41	63	70 54	62 19	36 12	54 14	56 28	54 37	45	46 31	57 32	62 41	41	46.5
BONNIEVILLE	MAX MIN	50	47 21	50 18	38	16 38 - 5 0	42	38 28	29 13	33	40 18	55	63 37	64	60 33	33	21	33 2	43	61	71	35	37 14	52 19	52 39	51 39	42	38 32	63 36	61 36	39 30	45 · 0 22 · 7
BOWLING GREEN FAA AP	MAX MlN	50 29	47 24	50 21	23	18 38	41	3 8 2 2	30 17	34 15	45 14	57 22	64	67 50	55 21	22	23	36 10	43 35	61	70 19	26 11	39 16	53	53 29	50 39	40	40 32	65 36	60 37	38 29	44.4
CAMPBELLSVILLE	MAX MIN	52 38	48	52	46	18 38 - 3 5	43	38 27	30 10	32 10	40	52 26	61 42	65 45	60 32	32	20	31	42	59 39	69	41	36 17	52 25	53 36	5 1 42	44	41 32	63 37	63 38	40 31	45.5 23.9
CARROLLTON LOCK 1	MAX MIN	50 37	45 28	49		15 30 - 5 1	42 25	41 27	29	32 11	40 10	52 20	53 30	57 39	52 34	35 5	18	27 - 1	45	5 6 3 3	67	41	31 18	50 19	49	48	34	38 12	50 32	52 38	39 29	42.4
CLERMONT 1 SSE	MAX MIN	49	47 26	49	47	18 34 - 7 - 2	42	40	31 9	35 6	44	54	58 36	63 42	60 33	34	18	31	46	60 36	66 39	40	35 14	52 19	52 41	50 39	45	38 22	58 33	62 38	39 27	45.1 21.7
COVINGTON WB AIRPORT	MAX	49 35	43 27	47	32 - 2	11 28 - 6 2	40	36 20	27 15	29 15	40 12	48	53 29	54 41	52 24	24	14	27	41 27	5 6 3 2	66	20	25 13	48	46 37	42	33 17	37 14	56 32	5 6 31	35 24	39.2 19.4
CYNTHIANA 2	MAX	46	48	49	52 12	18 15	34	42	31 13	29	30 4	41	53 26	55 30	57 38	49	15	15 - 6	37	41 36	62 38	69 12	22 11	32 17	50 26	48	40	36 23	39 31	5 8 3 9	44 32	40.5 18.1
OANVILLE	MAX MIN	50 35	48	47 25	52 13	14 15 - 3 - 3	39	43 35	37 12	28 10	30	39	51 30	54 41	64 48	50	13	19	38	41 38	61 41	67 12	23 10	35 17	51 31	53 42	5 2 3 0	34 28	40 31	60 39	40 31	41.5 21.1
DEWEY DAM	MAX MIN	53	57 37	49 18	59 22	24 17 - 1 1	33	47 21	36 14	26 8	26 3	38	48	59 32	61	53	21 10	21	32	44	66 40	71 22	31 16	38 15	56 10	62 42	59 35	35 33	40 33	64 38	61	44.7 21.1
OIX OAM	MAX MIN	49	46 28	52 25	49	14 36 - 5 4	42 18	41	26 12	30 10	38 12	51 25	51 35	62 42	62 35	36	16	28	41	59 37	69 51	61 11	35 15	53	58 40	53 39	46	37 30	53 35	53 38	37 30	44.6 23.7
EL1ZABETHTOWN	MAX	49	42 25	50 19	44	16 35 - 4 2	42 33	39 29	30 12	33	40 10	54 12	60 29	64 30	60 33	35	20	32	44	60 38	68 33	33 8	35 15	50 21	50 34	50 38	43	35 25	6 0 33	60 37	40	44.3 21.0
FALMOUTH	MAX MIN	48	46	54 19	46	14 30 - 5 0	42 19	3 8 2 5	30 12	32 14	40 7	52 17	56 22	57 29	55 34	34	19	26	45 18	54 32	70 47	48	32 17	52 18	50 31	46 34	34 24	36 15	50 33	59 39	40	43.1 20.1
FARMERS	MAX MIN	49	49	54 19	48 13	17 30 - 4 - 2	43 13	41	29 11	29 10	39 5	50 15	54 27	60 37	5 9 3 6	39 7	- 1 B	30	43	61 36	71 56	62 15	34 17	55 15	53 36	50 36	45 30	37 32	58 34	63 40	42	45.5 21.7
FLEM1NGSBURG 2	MAX MIN	48	43 26	55 22	36 10	14 28 - 8 - 1	41 19	34 20	26 11	30 11	40 8	51	56 34	55 35	53 32	33	18 - 2	27 - 5	38 15	5 6 3 6	69 51	51 12	32 13	50 19	4.8 3.3	47 34	39 25	35 25	52 33	58 37	3 8 2 8	42.0 20.4
FOROS FERRY DAM 50	MAX MIN	49	52 27	38 18	19	15 35	40 32	35 29	30 16	34 13	45 18	57 27	57 36	62 48	59 29	30 8	23	35 12	49 31	62 34	67	25 7	34 17	45 27	54 41	50 35	37 27	36 21	65 31	63 33	34 28	43.1 23.1
FRANKFORT LOCK 4	MAX MIN	48	50 29	46 22	52 14	16 15 - 3 - 3	36 2	43 35	35 14	30 13	31 12	42	53 23	54 40	60 42	50	15	18	40	45 38	61 38	68 13	23 11	33 16	5 2 2 0	50 39	41	38 22	38 28	61 37	42 31	41.5
GLASGOW WKAY	MAX MIN	53 37	48	54 21	40	16 39 - 4 5	42 17	40 28	28 7	3 0 6	42	53 21	63 46	68 44	58 32	32 5	20	33 5	42 28	61 40	72 35	35 12	37 14	52 26	55 38	54 35	44 31	42 32	67 38	62 38	39 31	45.8 22.9
GOLOEN PONO 8 N						19 39 - 8 1											26		49	64 36	70 26	28	40 11	54 22	58 38	54 40	42 28	35 28	66 35	45 33	39	46.0 21.8
GRAYSON	MAX																															
GREENSBURG	MAX		51 23		54 11	25 18 - 3 - 3	40	43 18		31 7	33 7	42 12		62 41		50 8	18	22 5	43	4 B 4 O		69 14	2 6 13	38 14	54 20	54 34	55 31	36 31	43 34	65 40	42 32	44.7
GREENVILLE 2 W	MAX		47 27			17 38 - 3 3		36 31	31 15	35 7	14	58 28	64	65 53	5 9 3 2	32 6	25 6	35 9	49	60 38	68 34		37 15			52 39			62 35	61 37	40	45 • 2 23 • 9
HE10ELBERG LOCK 14	MAX		49 28			18 35 - 4 - 3		43 28			38	50 14		62 35		39 6	2 <u>1</u>	32 - 2	41	63 35	70 52	61 16	37 10	53 14		55 36			63 34		43 33	46 • 8 20 • 4
HENDERSON 4 SW	MAX		49			18 37 - 3 6		35 27		35 10	43 19	56 30	60 41	61 51		30 7	22			5 B 3 3			32 16	52 24		50 35				62 34		43.1 22.5
HICKMAN 1 E	MAX MIN		40		34	18 25		48 34			36 19			62 45			25 12			50 36			28 15	38 21		58 32			50 37			44.2 23.4
HINOMAN SETTLEMENT SCH	MAX MIN		58 34			27 11 - 3 - 2					24 - 3	31		48 36		54 16	18		35 3	41 35			25 14	33 13		56 23				61 31		42.3 18.9
HOPKINSVILLE	MAX			50 24		16 20 - 2 0		40 33			37 13			65 43		45	21			50 38		68	27 9	39 15		57 38				67 34		44.9 21.8
1NEZ	MAX		48 34		55 11	15 35 3 2		39 27		29	39 0	48 10		60 27		47	21	34 - 2	43	66 32	72 55	65 20	3 8 1 2	56 14		59 37				61 27		47.9 20.0
IRVINGTON	MAX					18 36						56 27		62 47	59 32	32	22	3 3 2	47 27	57 36	65 27	27 6	34 14	52 22		47 43	42 27	34 22		60 38		43.9 22.3
ŁEITCHFIELO	MAX		47 26			18 36 - 3 5		36 27			40 17	53 27	62 44	65 49		32	21	34 7		5 8 3 9			3 6 15	52 24		48 42	42		60 35	60 38	39	43.9 24.0
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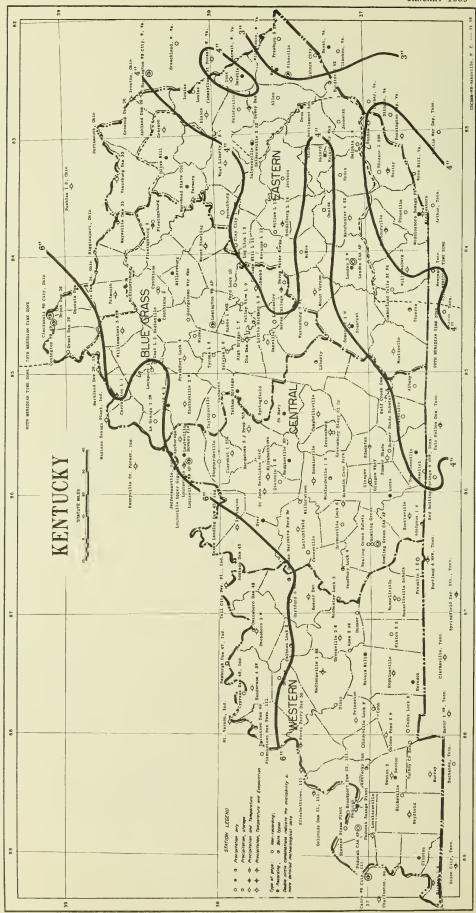
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DAILY TEMPERATURES

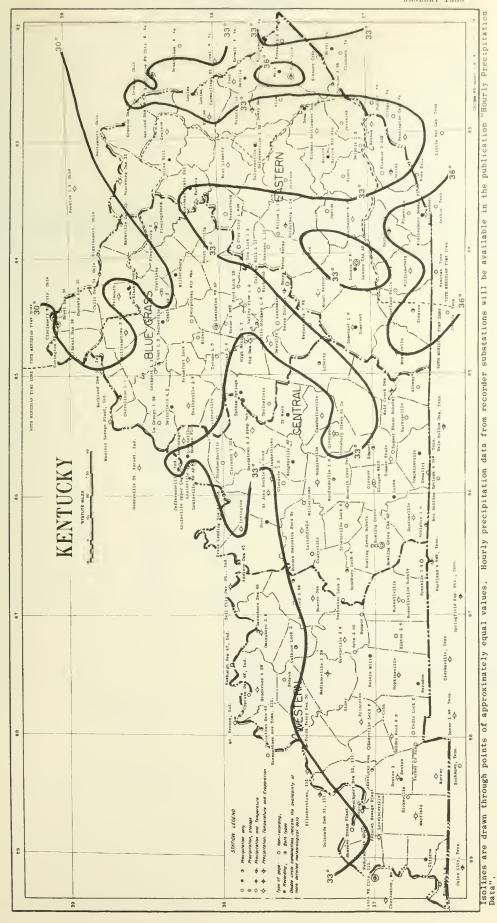
KENTUCKY JANUARY 1959

																Day	Of M	lonth													JANG		
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON W8 AIRPORT	MAX		45 29	49 29	33	13	31 3	41 29	35 18	27 13	30 13	40 12	50 26	50 39	59 45	52 26	26	16	27	40	57 38	67 19	21	32 15	49	49	44	35 25	36 27	59 36	60 35	3,9 2,4	40.6
LONGON FAA AIRPORT	MAX	48	47 25	54 21	45 5	16 - 2	40	44	38 16	26 10	27	3 8 5	50 19	57 39	62 43	56 29	29	19	29	42 26	59 40	67 25	28 15	36 14	51 21	56 30	59	42	43	63	57 32	42	44.2
LOUISVILLE	MAX MIN	50 38	49 30	50 28	38	18	35 7	44	39 27	33 19	36 14	43 17	55 27	58	60 41	60 33	33	20	31	49	60	67	33	34	52	51 39	49	39	35 24	5 8 33	62 38	40	44.5
LOUISVILLE WB AP	MAX	50 34	48 27	49	24	15	35 5	43	36 22	31 20	33 15	43 15	55 27	59	60 46	53 20	20	20	34	48	59 36	66	23	33	51	51	49	37	35	61	59 34	35	42.4
LOVELACEVILLE	MAX	43	53 25	48 19	19	18	40	38	35 31	35 16	37 10	48 15	57 26	63	62 52	5 7 2 9	29	27	39	49	62	67	27	39	51	56 39	53	40	41	65	63	40	45.2
MAO1SONVILLE 1 SE	MAX M1N	49	49	44	26	17	38	41 26	38	30	35 10	44	57 26	64	63	59 31	32	24	35	48	59 36	68	27	37 15	25 52 24	54 36	37 51 38	39	21 36 22	66	64	38	23.3
MAMMOTH CAVE PARK	MAX	53 38	48 21	50 19	10	18	18	41 20	38 26	32 18	31 14	40 16	55 25	62	64	59 35	35	20	34	42 26	59 39	70 33	40	35 10	50	52 34	51 39	28 45 29	40	62	31 65	42	43.9
MANCHESTER 4 SE	MAX MIN	54 42	51 30	51 18	50 16	17	43	47 12	45 30	31	30	43	51 16	57 34	62	61	51	22	34	41	63	68	60	38	51 11	60	61	56	30 45 35	36 64 32	37 62 42	29 45 36	22.7 48.8 22.4
MAYFIELO	MAX MIN	42	52 26	42 21	21	17	37	37 34	39 32	34 17	36 12	46	56 32	63 43	64 53	64 28	29	26 10	39 12	48	62	67	26	39 18	52	51 38	50	42	37	66	63	36	44.6
MAYSVILLE OAM 33	MAX MIN	45 27	49 32	45 21	54 20	22	15	29	49	30 11	29 13	29	39	51 20	55 32	57 31	51	14	16	37	42	63	70	25 14	32	52 22	50 35	40	32	36 27	60	46	40.8
MIDDLESBORO	MAX MIN	50 44	49	56 21	51 17	19	38	41 13	38 33	35 19	33 18	43 9	54 16	61 29	55 41	55 47	50	25 9	30	41	58 37	67 50	60 19	42	52	58	63	58	57 38	63	61	50	48.8
MONT1CELLO	MAX MIN	52 42	50 26	54 20	47 12	16	43 2	46 20	40 28	28 14	30 18	43	53 23	60 45	64	52 35	45	21	32	43	60 41	71 49	52 15	37 12	54	58 29	60 44	48	46 33	65 33	61	43	47.5 24.5
MOUNT STERLING	MAX	49	4 8 2 6	49 22	53 10	15 - 7	31 1	38 22	35 31	33 13	28 14	40 11	49	52 35	58 38	55 33	34	19	27	40	5 9 3 5	67	60	40 12	45	51 21	49	40	44	65	59 37	50	44.6
MOUNT VERNON	MAX MIN	50 42	48	53 20	43	14	38 - 1	44	38 21	28	2 6 5	39 5	50	52 43	62 38	59 33	39	19	30	40	59 40	68	48 15	33 15	52	56 36	54 42	45	43	62	5 B 3 B	38	44.8
MURRAY	MAX MlN	51 31	52 26	40	22	19	40 8	39 34	40 29	32 17	34 14	45 18	56 30	63 44	62 53	55 29	30	26	39 15	49	62 39	69	27	41 17	54	54 36	51	51	37	65	60	39	45.3
OWENSBORO 2 W	MAX M1N	49	48 28	38 27	27	18	35 6	40 29	35 24	31 16	34 11	44	51 26	62 36	61 46	5 8 3 2	32	22	34	48	57	64	26 7	33	50	49	46	39	34	60	57 37	43	42.7
PADUCAH FAA AIRPORT	MAX MIN	40	52 28	31 12	14 2	20	38 9	39 34	36 24	32 17	36 12	47 18	55 32	63 44	62 54	56 16	21	25 7	37 17	49	64 36	67 15	25	37 15	51	53	47	39	41	65 36	53	37	43.0
PAOUCAH	MAX MIN	43 31	53 24	46	21	20	39 7	39 33	37 28	33 14	36 9	47 11	57 28	64	62 53	58 28	30 7	27	39 13	50 32	62 34	64 19	27	39	53	54 40	53 36	40	40	67 31	64	39	45.3
PIKEVILLE	MAX	56 49	50 35	48 24	40	20	35 4	40 14	37 29	29 15	26 14	36 5	42	54 33	58 37	53 48	48	22	37 11	45 18	66 36	71 52	63	40 17	58	61	61	49	44	63	60	44	47.0
PRINCETON	MAX	50 32	51 19	45	30 3	23	38	40 23	38 30	34 12	39 8	46 14	60 20	64 31	61 47	58 31	36	28	37	49	62 37	62 25	34		54	58	50	40	35 26	65	64	43	46.5
RICHMONO	MAX MIN	48	49 28	46 21			15 - 5	38	43 34	37 14	28 12	30 11	40 16	49	51 35	61 49	49	13	19	36 5	40 36	65 40	70 13	24 12	36 16	52 26	52 37	51	34 28	40	60	42	41.7
RUSSELLVILLE	MAX M1N	42 38	49 27	48	32 4	18	37	44 22	40 28	31 14	35 11	44 15	58 26	65 40	68 48	58 31	33	2 6 8	35 10	45 28	60 38	70 30	32	38 16	54 25	55 34	53 40	43	40	70 32	63 35	38	45.9 23.5
ST JOHN BETHLEHEM ACAO	MAX MIN	49 35	58 25	46	46 5	15 - 3	- 15 - 2	37 7	42 30	35 14	30 10	33 14	41	54 30	61 40	64 41	50 12	16	19	39	45 38	62	62 12	23 13	34 14	50 27	50 37	50 27	41 25	40	50 36	40	41.8 20.7
SCOTTSVILLE	MAX M1N	54 38	50 25	54 24		17 - 3	43	41 26	39 31	31 14	35 10	46 15	58 29	65 45	70 52	62 34	34	23	35	42 28	60 41	72 33	38 11	39 15	53	54 32	55 37	45	41 28	52 32	46 36	39	46.4 24.4
SHEL8YV1LLE 2 W	MAX MlN	41 39	46 22	49 22		14	32	41	40 26	29	32 10	41	55 25	55 35	58 44	5 8 3 3	33	17	39 - 2	45 22	56 36	62 53	59 8	32 15	50	48 35	45 36	41	35 20	54 32	58 37	39	43.5 21.5
SOMERSET 1 N	MAX	50 39	48 25	54 19	43 10	16 5	40	45 17	38 20	27 10	30 7	41 8	53 19	58 38	64 40	58 38	48	20	30	39 19	58 37	69	51 14	37 13	53	56 28	59 40	47	44 31	64 35	60 37	40	46.5 21.6
SUMMER SHAOE	MAX MIN	49 35	49 23	53 27		15 - 2	42	41 21	39 21	28	32 7	43 12	54 21	58 44	65 49	55 28		21	33	43 26	63 41	68	34 11	37 13	53	56 33	54 36	43	42 30	65 38	59 37	50 33	45.6 22.3
VANCEBURG DAM 32	MAX MlN	47 38						40 19				35 8			58 30			14		43	63 35	72 35		40 16		49		39	37	49	62 37		43.5 21.3
WEST LIBERTY	MAX M1N	46 28	50 30	46 17	56 15	22	14	31	43	31 10	25 7	26 4	39		55 32		53 11	12	12	37	40 35	65	70	25 14	35	53	56	53			60 33		41.3 18.2
WILLIAMSBURG 2	MAX MIN		50 32			24			45 30			33 11			60 45			16	22	36	5 1 34	64		30 16		54 23					58 33		46.5
WILLIAMSTOWN 5 WSW	MAX MlN		49 25					35 2				29 10		51 28	56 37			17			43		67	19	25		49 30				57 36		39.5 16.8
WOLF CREEK DAM	MAX MIN	56 37	51 23	20	54 17	20	18	44 5							62 44		54	16	22	41	55 34	66	72	26	39	54 17	59	58	38	45	68 37	54	46.4

Pr .																Day	of m	ionth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	18	16	17	18	19	20	21	22	23	24	25	26	27	88	29	30	3
BARDSTOWN S J PREP SCH	SNOWFALE SN ON GND				т				П	П						. 7														•		
BENHAM	SNOWFALL SN ON GND			T	1 0	T				4.5	1.5	T 3	2	1			5.0	1.0	2	1	т		T T	T								
BEREA COLLEGE	SNOWFALL SN ON GND								2,0								1.5											i				
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND			Т	T T				T	т						T	Т	Т					т					Т				
CAMPBELLSVILLE	SNOWFALL SN ON GND				.3 T	Т			.3 T	T						T	1.0	T	1	Т			. 2					1.0 T				
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	Т		Т	, 3 T	Т	Т	Т	Т	Т	Т					1,1	. 2 I	T 1	1	1,0	, 9 1	Т	.2 T	. 1 T	Т		т	4.2 4 .2	3	1	1	
	SNOWFALL SN ON GND					T			Т	T							T T	Т	T T	Т			T	T				T T	. 2 T			
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	SNOWFALL SN ON GND	_	_	-	-	-	-	-	-	-	-			-			-	-	-	-	-	-	-	-	-	-		-	-	-		
FARMERS	SNOWFALL SN ON GND				T	T	Т	Т		T	T						2.5	T 3	T 3	2	Т		T T					1.0	T			
	SNOWFALL SN ON GNO				.3 T	.3 T	Т										T						T T					T T	T			
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	SNOWFALL SN ON GNO			T T	.5	1			Т							T	T T					T	T T					2.0 T	Т			
	SNOWFALL SN ON GNO				Т												Т						Т					Т				
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	SNOWFALL SN ON GNO WTR EQUIV				. 2 T					Т	T T					1.7	.52	T 2 . 3	2	T 1		Т	T	т				.9 T	Т			
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MIOOLESBORO	SNOWFALL SN ON GND					T T	т			T	T T	Т					.8	T 1	T 1	Т			T T	т								
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MURRAY	SNOWFALL SN ON GNO				.5 1											Т						.5	т						П			
	SNOWFALL SN ON GND	Н			.3 T	т	т									Т							. 3 T	т	т			1.0	1	т		
PAOUCAH FAA AIRPORT	SNOWFALL SN ON GND	d		Т	T T	Т	т		Т							Т						Т	T					T				
	SNOWFALL SN ON GNO	ì			Т					T T	T	T T					1.0	.5	Т	т			T	Т					T			
PIKEVILLE	SNOWFALL SN ON GND	V			т	т			1.0	.5	.1						1.0	1					Т					т				
	SNOWFALL SN ON GND	-	-	-	-	-	-	_	-	-	-	-	_	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-
SOMERSET 1 N	SNOWFALL SN ON GND				T				.5	1						1.0 T																
	SNOWFALL SN ON GND				T T	Т	Т		1.0	T 1							T	T	Т				.5									
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND				T				T	T T	T	т					1.0	T 1	T	T			T					3.0	Т			



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".



	NO.		↔	30	30	NO	Ť	IME A					NO.		÷	DE	JDE	NO	T	IME A			
STATION	INDEX N	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	SPECIAL E	OBSERVER		STATION	INDEX P	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	LABCIP.	SPECIAL	0	BSERVER
ADOISON DAM 45 ADOLPHUS I N ALBAMY ALLEM AMCHORAGE	0043	BRECKINRIDGE ALLEN CLINTON FLOYO JEFFERSON	7 3 2 1 7	37 55 36 39 36 41 37 35 38 16	86 34 86 16 85 08 82 43 85 33	360 600 960 658 700	7P	6A 7A 7A 8A 7P	c	CORPS OF ENGINEERS IDELL M. DEARING MRS.BARBARA M. COOL NANNIE AUXIER C. E. BARRET		LEXINGTON WB AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LOGLICK 1 S	4746 4755 4825 4857 4882	FAYETTE CASEY JESSAMINE HENRY CLARK	4 3 4 4	36 02 37 21 37 45 36 26 37 51	84 36 84 55 84 35 84 58 84 02	979 772 560 485 773	MIO	7A 7A 6A	C H	U.S. WE PALLIA CORPS O CORPS O HUBERT	ATHER BUREAU F. HANKLA F ENGINEERS F ENGINEERS BURGHER
APEX 2 ME ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BAXTER	0254 0381 0397	MUHLENBERG BOYD KNOX NELSON HARLAN	3 7 2 8 2	37 08 38 27 36 52 37 48 36 51	87 19 82 36 83 53 85 28 83 20	510 551 1000 631 [164	6P 6P 6P 7A	7A 7A 6P 6P 7A	C H	SPENCER PROWSE CORPS OF ENGINEERS UNION COLLEGE ST. JOSEPH PREP SCH C. HONER NOLAN		LONDON 3 W LONDON FAA AP LOUISA LOUISA 2 LOUISVILLE	4893 4898 4943 4946 4949	LAUREL LAUREL LAWRENCE LAWRENCE JEFFERSON	2 2 1 1 7	37 08 37 05 38 07 38 07 38 14	84 08 84 05 82 37 82 36 85 46	1277 1191 562 565 462	M10	8A 6P	C H		IATION AGENCY F. BRANHAN C. FERGUSON LLE G + E CO
BEAVER DAM BEMHAM BENTON BENTON 2 BEREA COLLEGE	0595 0611 0615	OHIO HARLAN MARSHALL MARSHALL MAOISON	3 2 9 9 4	37 25 36 58 36 51 36 51 37 34	86 52 82 57 88 20 88 20 84 18	441 1585 395 305 1070	6P 8A 5P 6P	6P 8A 5P 6P	СН	E. G. YOUNG C. C. WHITEAKER JAMES M. NILLER RADIO STATION WCBL JAMES A. GROSSMAN		LOUISVILLE BOWNAN FLD LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS	4954 4955 4967 5002	JEFFERSON JEFFERSON JEFFERSON BALLARO BARREN	7 7 7 6 3	38 13 38 11 38 17 36 58 36 53	85 40 85 44 85 48 88 50 86 02	558 474 403 370 738	MID 6P	6A 6P	c	U.S. WE CORPS O BLAINE WILLARO	F ENGINEERS ATHER BUREAU IF ENGINEERS MALONE DE FOSTER
BEREA WATER WORKS BLAINE BLEDSOE 2 SSE BOMNIEVILLE BOWLING GREEM	0752	NADISOM LAWRENCE HARLAM HART WARREN	4 3 3 3	37 33 38 02 36 54 37 23 37 00	84 15 82 50 83 20 85 54 86 26	1010 670 1870 702 536	6P	7A 6P 7A 6P 7A		NRS. LAURA B.GABBARO A. ENOCH WHEELER MRS VIRGINIA NOLAN HAROLO WALTERS JAMES R. EDWAROS		MADISONVILLE 1 SE MANMOTH CAVE PARK MANCHESTER 4 SE MAYFIELD MAYSVILLE OAN 33	5097 5111 5230 5243	HOPKINS EDNONSON CLAY GRAVES MASON	3 4 6 7	37 19 37 11 37 06 36 44 38 38	87 29 86 06 83 43 88 39 83 42	439 800 850 364 515	5P 5P 6P 6P 7A	7A 5P 7A 7A 7A	TA C	MAYFIEL CORPS O	O ELEC + WTR OF ENGINEERS
BOWLIMG GREEN SUBSTA BOWLIMG GREEN FAA AP BRENT DAM 36 BROWNSVILLE LDCK 6 BUROINE 2 NE	0907 0909 0978 1046 1120	WARREN WARREN CAMPBELL EO NONSON PIKE	3 7 3 1	37 01 36 56 39 03 37 12 37 13	86 26 86 26 84 25 86 16 82 35	470 535 497 410 1643	MID	5A M ID 7A 7A 8A	С	TVA-639 FED. AVIATION AGEMCY CORPS OF ENGINEERS ELORIDGE SKAGGS EDWIN E. JOHNSON		MC KEE MC KINNEYSBURG META NIOOLESBORO NIOOLESBORO SEWAGE PL	5301 5370 5389 5394		2 5 1 2 2	37 26 38 36 37 34 36 37 36 38	84 00 84 16 82 27- 83 43 83 43	1000 662 730 1130 1130	5P	7A 7A	c c	CHARLES LON L. CITY OF	INIE W. NORAN) T. SYDNOR ; MURRAY HERRELL : HIDOLESBORO
BURKESVILLE CAD12 LDCK E CALHOUN LDCK Z CAMPBELLSVILLE CANEYVILLE	1206 1227 1256 1294	CUMBERLAND TRIGG MC LEAN TAYLOR GRAYSON	2 2 3 3 3	36 47 36 46 37 32 37 20 37 25	85 22 87 58 87 16 85 21 86 30	600 424 402 771 600	6P	7A 7A 7A 6P 7A	С	MARVIN M. LEE CORPS OF ENGINEERS CORPS OF ENGINEERS ALVA MC KINLEY G. V. COX SR.		NIDWAY MILLERSBURG MILLERSTOWN MONTICELLO " MOREHEAO STATE COLLEGE	5430 5438 5524 5555	WOODFORD BOURBON GRAYSON WAYNE ROWAN	3 2 5	38 09 38 18 37 27 36 50 38 11	84 41 84 09 86 03 84 50 83 26	789 588 960 770	6P	7A 7A	C	INAC	LAWLER LAWLER BERTRAM TIVE 9/57
CARROLLTON LOCK 1 CLAY CITY I WNW CLERMOMT 1 SSE CLINTON COBB	1576 1611 1631	CARROLL POWELL BULLITT HICKMAN CALDWELL	4 8 6 2	38 41 37 52 37 55 36 41 36 59	85 11 83 56 85 40 89 00 87 47	480 712 474 390 490	5P	6A 7A 5P 7A	c	CORPS OF ENGINEERS JOEL W. MOUNT2 BERNHEIM FOUNDATION WOOOSON O. FRANKLIN NRS BENNIE 8. WHITE		MOUNT STERLING MOUNT VERNON MUNFOROVILLE 1 N MURRAY OLIVE HILL	5648 5684 5694 6012	MONTGONERY ROCKCASTLE HART CALLOWAY CARTER	5 2 3 9 7	38 04 37 21 37 16 36 36 38 18	83 56 84 20 85 53 88 20 83 11	622 772	5P 6P	,	c	EARL R	A. RICHAROSON STATE COLLEGE MADDIX
COLLEGE HILL LOCK 11 COVINGTON WB AIRPORT CUNBERLAND FALLS ST PK CYNTHIANA CINTHIANA 2	1855 1969 1998 2003	ESTILL BOONE WHITLEY HARRISON HARRISON	4 7 3 5 5	37 47 39 04 36 50 38 23 38 23	84 06 84 40 84 19 84 16 84 17	719		5P 7A 8A	н	CORPS OF ENGINEERS JUSS WEATHER BUREAU KY OEPT OF CONS- MARSHALL HILL KYS CAROINAL DAIRY		OLNEY ONE 1DA ONE ONTA DAM 35 OWENSBORD 2 W OWEMSBORD DAM 46	6028 6033 6091 6096	HOPKINS CLAY CAMPBELL DAVIESS OAVIESS	7 4 7 7 7	37 14 37 16 38 58 37 46 37 47	87 47 83 39 84 18 87 09 87 08	533 750 512 420 404	6P	6A 7A 7A 7A 6A	c	MRS. AP CORPS O VIRGIL CORPS O	PARLEE NEISZ MNA L. BROWN DF ENGINEERS D. CLARK DF ENGINEERS
DANVILLE DAVELLA DELPHIA I E DEMA DEWEY DAM	2053 2132 2139 2180	BOYLE NARTIN PERRY KNOTT FLOYD	1 1 1		84 46 82 32 83 07 82 48 62 47	653	7A	7A 8A 7A	TA C	R. P. COLDIRON MRS. EVA M. DAV1S BALLARD F. WALKER.JR HATTIE 8. BARNEY CORPS OF ENGINEERS	ì	PAOUCAH FAA AIRPORT PADUCAH PAOUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE	6115 6117 6136 6353	MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON PIKE	7 7 7 1 1 1	37 04 37 06 37 06 37 49 37 29	88 46 88 37 88 36 82 48 82 31	398 340 325 620 686	5P	7.A	c	WESTER	VIATION AGENCY N P. LACKEY F PADUCAH FAIRCHILO EATHER BUREAU .
DIX DAN DUNDEE BARRETTS FORD BR DUNMOR DYER EODYVILLE LOCK F	2358 2366 2391 2445	LYON	4 3 3 3 2	37 48 37 33 37 05 37 43 37 03	84 43 86 43 87 00 86 13 88 05	L		7A 7A 7A	7A C	PHILLIP O+ THACKER JESSE L+ HUFF N+ D+ GIVENS LENA BLAIR CORPS OF ENGIMEERS		PINEVILLE PRINCETON RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3	6575 6679 6805 6882	BELL . CALOWELL ESTILL NADISON OHIO	2 2 4 4 3	37 06 37 40 37 44 37 13	83 42 87 53 83 57 84 18 86 54		5P 8A	7A 5P 7A 8A 7A		ALTON I	M. HARVILL OF ENGINEERS C. HERNDON OF ENGIMEERS
EDMONTON ELIZABETHTOWN ELKHORN CITY ELKTON 2 S FAEMOUTH	2548	METCALFE HARDIN PIKE TOOD PENDLETON	3 1 2 5	37 18 36 47 38 40	85 37 85 52 82 21 87 10 84 20	560	6P	7A 6P 7A 7A 7A	c	JOHN E. NORAM RADIO STATION WIEL EDMONO O. BENNETT S. RICHARD ANDERSON FRANK H. LAWSON NRS. C. C. STAMPER	l	RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE ST JOHN BETHLEHEM ACAD ST. MARY SALVISA LOCK 6	7054 7074 7091 7096	LOGAN LOGAN SCOTT HARDIN MARION	3 4 8 8	36 51 36 50 38 23 37 42 37 35 37 56	86 54 84 33 85 59 85 21	576 791 77: 74:	7 7A	7A	c	TVA-68 LAWREN S1STER JOHN B	3 CE ROGERS MARY B. BUTZ BAUER
FARMERS FLEMINGSBURG FLEMINGSBURG 2 FORD LOCK 10 FORDS FERRY DAN 50	2908 2908 2953 2961	ROWAN FLEMING FLEMING MADISON CRITTENDEN	5 5 4 7	38 09 38 25 38 25 37 54 37 28	83 33 83 43 83 45 84 16 88 06	356	6P	7A 7A MID 6A 6A	C	MRS. C. C. SIAMPER MRS. JEAN FLEMING WILLIAM H. FISCHER CORPS OF ENGINEERS CORPS OF ENGINEERS		SALVISA LUCK O SALVERSVILLE SALVERSVILLE SCOTTSVILLE SEBREE SHAWNEE STEAN PLANT	7129 7134 7215 7234	MAGOFFIN MAGOFFIN ALLEN WEBSTER	5 5 3 3	37 45 37 44 36 45 37 36	83 05 83 03 86 12 87 32		5P	7A 5P 7A	c	STANLE FORRES NOBLE GILBER	Y GARONER T C. WILLIS ALLEN T 1. ASHBY
FRANKFORT LDCK 4 FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL	3036 3046 3052 3112	FRANKLIN SIMPSON PIKE NENIFEE MONROE	4 3 1 5 3	36 43 37 33 37 57 36 38	84 52 86 34 82 10 83 39 85 48	690 730 864 860		6A 7A 8A 7A 7A		COMPS OF ENGINEERS MRS KATIE 0. NEAL NRS ALTA S. GOOSLIN JAMES A. LEVERIDGE E. GUY DECKARD WILLIAM F.BRAMBLETT		SHELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S SOMERSET SOMERSET 1 N	7324 7334 7473 7508	SHELBY BULLITT SHELBY PULASKI	8 8 8 2	38 13 38 00 38 20 37 06	85 16 85 44 85 16 84 37	825 446 863 1056	6 6 P	7A	c	MRS. W OVIO K F. W. CORPS	ILLIE S. RATTA NAGRUOER SIMPSON OF ENGINEERS
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENDALE 1 E	3243 3243 3246 3252	SCOTT HENRY BARREN BARREN HAROIN	3 3 3	37 00 37 36	84 33 84 53 85 55 85 55 85 54	110	6P	7A 7A 6P 7A	C F	CORPS OF ENGINEERS EMILY M. BEAM RADIO STATION WKAY OEWEY S. HILL FISH + WLOLF REFUGE		SPRINGFIELO STEARNS SUMMER SHADE SUMMER SHADE SUBSTA	7800	WASHINGTON THE CREARY NETCALFE METCALFE WASHINGTON	3 3	37 41 36 43 36 53 36 53	85 14 84 29 85 43 85 40	86-	4 6P	7A 7A 6P 7A	c	H CHAS. TVA-68	GOATLEY LICE No BALL Ho MC NURTREY
GOLDEN PONO 8 N GRANT OAM 38 GRAYSON GREENSBURG GREENSBURG HIWAY 61 BR	3351 3391 3430 3431	GREEN	7 7 3 3	38 19 37 15 37 15	84 50 82 57 85 30 85 30		7P 7A	7A 7A 7A 8A	ŀ	CORPS OF ENGINEERS		TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	7948 8060 8144 8179	SPENCER MONROE TRIGG ANOERSON	8 8 3 9 4	38 02 36 42 36 45 38 02	85 21 85 41 88 05 84 51	48 92 39 52	0 0	7A 7A 7A 6A	c	CORPS	ATHRYN B. CARR Y HURO OF ENGINEERS OF ENGINEERS OF ENGINEERS
GREEMUP DAM 3D GREENVILLE 2 W HALEYS MILL HARTFORO 6 NW HAZARD	345 353 365 370	GREENUP MUHLENBERG CHRISTIAN OHIO PERRY	7 3 3 4	38 37 37 12 37 03 37 32 37 15		861	5P	5P 8A	c	CORP OF ENGINEERS C. R. LOVELL CLEATUS E. BRINKLEY DAVID K. CARSON H. A. BALLEY LEE J. HOGSTON	l	VALLEY VIEW LOCK 9 VANBUREN VANCEBURG DAM 32 WAYNESBURG 7 NE WEST LIBERTY	8246 8256 8256 8486	JESSAMINE ANDERSON LEWIS LINCOLN	8 7 2	37 51 37 58 38 39 37 25	84 26 85 10 83 21 84 36	57 55: 52: 121:	1 8 5 6 6 7 8	7A 7A 7A 7A		CORPS MRS - R	0 8 STEVENS OF ENGINEERS SITA RIODER
HAZARO WATER WORKS HEIDELBERG LDCK 19 HENDERSON 4 SW HERNDON HICKMAM 1 E	374 376 379 331	PERRY LEE HENDERSON CHRISTIAN FULTON	4 4 7 2 6	37 15 37 33 37 47 36 44 36 34	83 11 83 46 87 37 87 34 89 10	66 38 51	7A		c	CORPS OF ENGINEERS FRANK STREET C. W. KEATTS MRS. NELL S. CALVIN		WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK DAM	8714 8724 880	WHITLEY GRANT LEE 7 RUSSELL	2 4 4 2 3	36 44 38 38 37 36 36 52	84 10 84 38 83 50 85 09 86 38	101 91 64 58	0 8A 4 7A 9 8A	8A 7A 6A 8A	8A C	H HENRY CORPS CORPS	M. MEADOWS NORTHCUTT OF ENGINEERS OF ENGINEERS OF ENGINEERS
HICKSVILLE HIGH BRIDGE LOCK 7 HIMDMAN SETTLEMENT SCH MODGENVILLE NAT PARK MOPKINSVILLE	383 389 392 399	GRAVES JESSAMINE KNOTT LARUE CHRISTIAN	9 4 4 3 2	37 49 37 20 37 32 36 51	84 43 82 59 85 44 87 30	1086 786 546	AB G	6A	c	CORPS OF ENGINEERS HINDHAN SETT- SCH- NATIONAL PARK SOC NEWELL F- SMITH		1											
HYDEN INEZ IRVINGTOM JACKSON JEREMIAH	413 416 419 425	3 LESLIE 4 MARTIN 5 BRECKINRIDGE 6 BREATHITT 5 LETCHER	1 3 4	37 52 37 53 37 33 37 10		63 64 79 115	P	6P 7P 7A 5P	1	UNITED FUEL GAS CO FLOYD G. ROBBINS JAMES O. MALONEY HOBART (SON													
KEENE I NNE KENTUCKY OAM LA GRANGE I SW LANCASTER LEITCHFIELO	436 441 459 462 470	9 JESSAMINE 4 LIVINGSTON 5 OLOHAM 0 GARRARD 3 GRAYSON	7 4 3	37 57 37 01 38 24 37 37 37 29	84 38 88 16 85 24 84 35 86 18		2	"		HUGH W. BUFFIN TVA-379-A ALBERT V. HARDIN KENTUCKY UTIL CO CLYDE STIKELEATHER D. 3-GREEN: 4-KENTUCKY;													

1 1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-CHIO, 8-SALT, 9-TENNESSEE

San Dago & fow Defevence Notes

1.05 IKE

U. S. DEPARTMENT OF COMMERCE

LEWIS L. STRAUSS, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

FEBRUARY 1959 Volume LIV No. 2



APR 22 195 UNIVERSITY OF ILLINOIS

KENTUCKY - FEBRUARY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 75° on the 28+ at 3 stations

Lowest Temperature: 1° on the 6th at Hickman 1 E

Greatest Total Precipitation: 5.42 inches at Hickman 1 E

Least Total Precipitation: 1.79 at Louisa 2

Greatest One-Day Precipitation: 2.01 inches on the 10th at

La Grange 1 SW

Greatest Reported Total Snowfall: 3.6 inches at Heidelberg Lock 14

Greatest Reported Depth of Snow on Ground: 3 inches on the 20+ at

Mount Sterling

FERRUARY 1959

		,					_							T	_			4			1 1910	UAHT	. 14	159
			- т		Tomp	orati	110							-	т_		-	, terop	dation	w, filost		tika	ol U	art
Station		A cerege Mas mar	8000	60.00	Separure from Long Tem Means	g+es	Dere	ra est	9.0	Jes ee Deys	Ma	n .	Min h g	h f	76	Department from Long	24.65 Day	Ds.e	70	Man Cooth or Ground	Dere	10 or More	50 or 140+	100 or Wore
		4 5	4 5	ef.	825	I	Q	9	å	.Š	8.5	31213	12 8	5.2	42	0.2 %		Δ.	μ.	2 0			-	-
WESTERN BEAVER DAM BENTON 2 FORDS FERRY DAM 50 GOLDEN POND 8 N GREENVILLE 2 W		51.2 51.9 49.4 52.6 51.8	28.1 26.4 29.3 27.0 28.9	39.7 39.2 39.4 39.8 40.4	•8		10	10 3 13 6	6	703 715 713 700 683	0 0 0 0	3 3 1	19	0 0 0 0	2.45 3.71 1.88 4.46 2.73	- I.48 96	.64 1.30 .47 1.10	14 14 23 14 23	1.0	0 0 0		7 10 6 11 5	ō	1 0 1
HENDERSON 4 SW HICKMAN 1 F HOPKINSVILLE LOVELACEVILLE MADISONVILLE 1 SE	AM AM	48.6 49.9 50.7 50.9 51.2	29 • 1 28 • 5 26 • 3 28 • 3 28 • 8	38.9 39.2 38.5 39.6 40.0	- 1.7 - 1.0	69 68 70 71 69	10 10 10 10	12 1 10 5	19 6 6 6 21+	724 716 733 705 692	00000	3 2	18 21 24 19	0 0 0 0	3.28 5.42 3.19 4.41 2.67	22 75 .18	.92 1.48 .89 1.25	14 14 23 14 15	1 • 5 2 • 0 • 0	0 0 2	6	8 10 7 10 6	4	
MAYFIELD MURRAY OWENSBORD 2 W PADUCAH FAA AIRPORT PADUCAH		51.1 51.0 49.1 48.4 51.3	28.6 28.7 29.7 27.4 28.7	39.9 39.9 39.4 37.9 40.0	- 1.4 .9	71 71	10 10 10 10	8 7 13 7 8	6 19 6 6	697 697 709 753 691	0 0 0 0 0	3 4 4	19 19 18 22 19	0 0 0	3.88 4.09 2.15 3.68 3.13	- 1.11 77	.94 .99 .66 .89	23 14 23 14 14	1.5 1.0 .0 2.0 1.0	2 1 0 1 0	6 5	9 7 9 6	3 1 3	0 0 0 0
PRINCETON RUSSELLVILLE DIVISION		51.4 52.3	26.9 27.8	39.2 40.1 39.5	9 1.2 3	70 71	27+ 10	11	6 21+	719 693	0		20	0	3.85 3.49	13 64 40	1.21	14	.0 .7	0		7	3	0
CENTRAL																								
ANCHORAGE BARDSTOWN S J PREP SCH BONNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		49.0 51.0 51.3 51.1 52.5	26.1 27.9 26.1 27.3 29.8	37.6 39.5 38.7 39.2 41.2	1 • 1	67 67 69 70 70		6 12 8 10 14	19 21 21 6 21+	760 710 730 718 661	0 0 0 0	3 3	19 20 21 21	0 0 0 0	3.25 3.12 2.81 4.20 2.65	.35	.92 .85 .56 1.01	14 13 13 13 14	1.5 T.0	T 0 0 0 0 0 0	21+	7 6 9 6	4	0 0 1
CLERMONT 1 SSE EL 12ABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АМ	51.6 50.3 51.7 50.8 50.5	27.4 26.1 28.9 24.9 27.6	39.5 38.2 40.3 37.9 39.1	- 1.3	69 68 69 70 69	10 14 15+	9 11 10 10	21 20 21 21 21 20+	706 744 684 755 719	0 0 0 0	1 3 3 1	20 21 19 23 19	0 0 0 0	2.77 2.50 4.67 3.08 2.70		.65 .68 1.47 1.02	14 23 14 14	0 T 1.0	0 0 0 0		6 5 8 6 7	3	1
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	R AM	50.4 50.2 49.3 52.0 47.6	29 • 2 30 • 4 28 • 5 27 • 3 23 • 6	39.8 40.3 38.9 39.7 35.6	- 6 1 • 7 - 2 • 0	71 69 69 68 67	27	13 13 13 6		701 685 723 702 815	0	2	20 19 20 20 24	0000	2.55 3.07 2.76 3.37 1.81	1	.59 .81 .53 .85	23+ 14 14 13 15	T T T • 5	0 0 0		7 7 9 7 6	3 3	0
SCOTTSVILLE SUMMER SHADE WOLF CREEK DAM	АМ	52.5 50.6 52.6	30 • 1 28 • 1 24 • 5	41.3 39.4 38.6		69 69 75	11	12 10 7	22	657 711 732	0	1 3 1	18 20 22	0 0	5.16 3.36		1.34 1.60 .73	14 15 23	.0 T	0 0		7 B 6	1	3 2 0
DIVISION				39.2	. 4										3.17	- •53			• 2					
BLUE GRASS		1											, ,			~ 1.57	.58	14		0		6	1	0
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT CYNTHIANA 2 DANVILLE	R AM AM	54.0 49.9 45.1 47.3 48.1	28.7 28.2 26.1 22.5 24.8	41.4 39.1 35.6 34.9 36.5	1.7	72 69 67 66 69	10	10 7 9	19 20 20 20+ 20+	654 720 815 836 792	0	3 4 4 3	19 19 19 25 23	00000	2.07 2.91 3.18 D 2.50 2.09	• 63	.70 .56 .43	15 23+ 23 15	1.6 1.0 1.4	0 1 1 1	19 19 19	8 10 9 6	2 2 0	0 0
DIX DAM FALMOUTH FARMERS FLEMINGSBURG 2 FRANKFORT LOCK 4	Ам	52.0 50.6 53.2 50.0 47.6	28.4 26.5 27.1 26.0 24.3	40.2 38.6 40.2 38.0 36.0	2.3	70 68 71 66 68	10 10 27	11 9	19 20 21 19 20	688 736 687 748 807		2 4	21 19 19 19 24	00000	2.78 2.27 2.71 2.26	- 1.19	.48 .69 .69	15 15 14 15	• O T T T	0 T T 0	19	8 8 6 7	2	0
LEXINGTON WB AIRPORT MAYSVILLE DAM 33 MOUNT STERLING RICHMOND SHELBYVILLE 2 W	R AM AM	48.1 47.1 51.5 48.4 50.0	26.7 23.0 27.7 24.4 27.3	37.4 35.1 39.6 36.4 38.7	1.4		11	10 12 11	19 4 19 20 19	766 832 704 793 732	0 0	2	20 22 19 23 19	00000	3.18 2.87 3.01 2.26 2.34	37	.77 .55 .80 .77	14 15 14 15 23	7 •3 3•5 1•0 •3	T T 3 1	19 19 20+ 19+	8 8 8 6 7	2	0
WILLIAMSTOWN 5 WSW	AM	46.8	22.9	34.9	- 1.5	68	11+	7	21+	839	0	5	24	0	2.82	- •43	•56	13	т	Т	20+	8	2	0
DIVISION				37.7	•0										2,62	81			.7					
EASTERN																								
ASHLAND DAM 29 BARBOURVILLE BAXTER BENHAM BLAINE	A M A M	51.6 56.6 51.8 51.1 54.1	29.7 28.2 26.5 25.2 25.4	40.7 42.4 39.2 38.2 39.8	2.1	70 68	10 10 10 11 10	9	2 21 22+ 22 21	677 629 717 746 702	0 0	2 2	17 18 22 22 20	00000	2.30 3.64 2.84 2.76 2.08		.51 1.03 .60 .71 .45	15 10 4 15 13	7 • 3 • 7 2• 0 1• 0	1 1 0	19+ 19 19+	6 7	4 3 1	0 0
DEWEY DAM GRAYSON	AM	51.5	24.1	37.8		74		1	21	756	0		22	0	2.50		•55	4	Т	Т	6	7		
HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH	R AM	55.1 50.8 57.0M	26.3 24.2 25.04	40.7 37.5 41.0M	1		10 15 10	6	21 21 21	674 761 668		2	19 22 21	000	2.60 2.82 2.31	- 1.21	•67	15	3 • 6	0 0	6	6 9 8	2	
LONDON FAA AIRPORT MANCHESTER 4 SE MIDDLESBORO MONTICELLO MOUNT VERNON		50.5 55.5 55.2 53.4 52.1	27.3 28.7 30.6 29.5 27.9	38.9 42.1 42.9 41.5 40.0		72 69	14 14 10 14+ 10	10 10	21 21 21 21 20	723 633 613 653 692	0 0	0 2	20 17 16 17 20	00000	3.59 2.56 3.61 3.19 3.47		.97 .62 .83 .69	14 4 23 4 14	T T T 1.00	0 T T 0	19+	7 5 7 6 4	4 4 4	0 0
							- Angelon	S	Palau	over Nie	ator 5	l l		Const	on Index	To the second se								

CONTINUED

KENTUCKY FEBRUARY 1959

				Ten	perati	ure										Precip	oitation					
										1	10. of	Days					Sno	ow, Sleet		No	of D	ays
Station	Average	Avetage	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	Above W	3 .	Below of Oo of	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY AM WILLIAMSBURG 2 AM DIVISION	56.5 52.1 50.6 50.0 53.9	31.6 27.9 28.0 22.5 26.9	44.1 40.0 39.3 36.3 40.4 40.1	- •7	73 70 67 74 72	10 10 11		19 20+ 21	581 691 713 799 681	00000	3	18 (4.37 3.06 2.08		.47 1.16 .50 .61	4 14 15 15 15	.0 1.5 T	0 T 0 1	19 19+	7 7 8 7 6	- 2 1	2 0 0

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numl	er of d	ays with	precipi	itation			ınset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	.0109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON WB AIRPORT	SSW	17	10.7	42	SW	10	73	76	58	59	8	3	8	2	0	0 .	21	-	7,4
LEXINGTON WB AIRPORT	s	16	12.3	-	-	-	79	82	59	67	2	4	7	1	0	0	14	-	6.8
LOUISVILLE WB AIRPORT	NW	14	10.9	37	SE	10	73	77	55	62	3	2	6	3	0	0	14	46	6,8

DAILY PRECIPITATION

print p

						Day of month					
Station	o	3 4	5 6 7	8 9		13 14 15	16 17 18 1	20 21	22 23 24 25	26 27 2	8 29 30 31
ANDEKON DAN 45 ADD PMD N ALHANT ALLEN	2 - 23 6 - 60 9 - 01	**************************************	10 +05 +05 10 +05 +05 0 +57 +10	T . 3 B	+85 +03 +77 +55 +18	.17 .28 .67 .15 1.55 .75 .27 .66 .81 .55 .22 .28 .12 .92	*17	19 +08	6 7 0 6 7 7 6 7 7 6 7 4		. 5 3
AN HORA (F AREX 1 NE ANHLAND DAM 24	7.57	• • • • • • • • • • • • • • • • • • • •	20 .08	•10	.08 .2I	.46 .40 .17 .18 .10 .51		.07	+78 +26 T	- 1	.06
ARROURVILL! NARDSTOWN S 1 PREP I H	1.64 1.12 2.84	.19 .0	OH +01	.08 .06	•42 •03 •20	.40 +11 -58 .85 +43 +10 -40 -50	•09 1	.01	*61 *51 *55	- 1	. 10
MAN DAM FAHRM ENTIN :	2+45 2+76 3+71	-11 -1	48 .28 .04 10 .05 .04	.05 .13	.02 .25 .15 .28	.97 .66 .29 .33 .71 .30 1.30 .39 .58 .20	.LA .07	08 7	*10 *17 *72 *34		. 16
ERFA COLLISE ERFA WATER WORKS	2+31		33 T •09	-10	.OR .O4	.14 .66 .58	1	.06 T	•33 T		
LAINE LEDSOF 2 SSE ONNIEVILLE OWLING GREEN	7.08 RECORD 2.81 3.60	M1SS[NG	15 T T	•20 •05	•10 •25 •17	.56 .55 .05 .30 1.12 .56			T .49 .87 .80 .02		•47
ONLING GREEN SUBSTA	3.08	.26 .1	24 T •03	•12 •12 •01 •05	•04 •24 •24 •20 1	.16 .83 .60 1.01 .96 .33 .24 .60	т	Ť	.50 .33 .44 .03		.51
RENT DAM 36 ROWNSYTLLE LOCK 6 URDIN: "NF URKESYTLLE	3.26 2.75 - 3.77		25 32 35 69 T •03	т	.20 .10 .33	.16 .94 .39 .65 .20 .46 .23 .86 .82	T48	T T	.74 .81		т
ADIZ LOCK ! ALHOUN LOCK ?	3.45		20 •20 15 31 T •02	•23 T •03	•10 •35	.57 .75 .45 .25 .30 .55 .57 .71 .18	T	T T	.90 .50 T .53		.26
AMPRELESVILLE ANEYVILLE ARROLLTON LOCK 1	2.65° 2.52 2.91		31 T •02 40 T		•15 •01 •25 •60	.30 .53 .49 .15 .48 .70	•15		.64 .38		
LAY CITY 1 WAW LERMONT I SSF ORB	2 • 41 2 • 77 3 • 11	*04 *	37 •03 25 T 29 •08	•04 •12		.31 .40 .70 .50 .65 .03 .58 .54 .60 .25 .36 .73	3 T	.05	•62 •90 •36 T		•16
DELEGE HILL LOCK 11 DVINGTON W8 AIRRORT R	7.11 3.18 T		.03 T T	•04 •56		.22 .48 T	•16 •15	Ť	.04 .56	т т	*20
UMBERLAND FALLS ST RK YNTHIANA YNTHIANA 2 ANVILLE	2.47 b 2.50 2.09		18 22 30 •03	T +03	.23 .38 .77 .24 .10	.33 .13 .54 .41 .28 .33 .17 .47 .66	3 .19 0	.04	•41 T •43 •36 •65		
ELRHIA 1 E EWEY DAM	2.80		• • •65 •55 •07 T		.05 .41	* .65 .31 .24 .33 .4 .30		• 3 0 T T	•17 •43		
IX DAM UNDEE BARRETTS FORD 8R UNMOR ODYVILLE LOCK F	2.41	T .	.28 T .33 .15 0.17	.02 .07	2 •15	.39 .36 .4 .20 .97 .3 .55 .45 .5	5	Т	•69 ~ •85		
OMONTON LIZASETHTOWN	0 4.53	T .	.55 0.05 .30	.07	*10 *68 7 T	.22 1.48 .6 .58 .61 T	5 T T		.80 T .68		•26
LKHORN CITY LKTON 2 S ALMOUTH	3+75 2+78		•22 •16 •29 •03 •31	•12		•31 1•02 •5 •26 •32 •4		T +04	.83 .44 T		
ARMERS LEMINGSBURG LEMINGSBURG 2	2.27 2.44 2.71		.29 T T .26 .30 T	.01	*15 *13 *40 *20 1 *45	.37 .24 .6 .47 .5 .64 .69 T	.25	T • 02 T	•27 •33 •43		•03
ORO LOCK 10 OROS FERRY DAM 50	2.45 1.88	1:	•31 T T •18 T	.03		.34 .29 .8 .34 .18 .4	2	T	•41 •47		
FRANKFORT LOCK 4 FRANKLIN 1 E FREEBURN 2 SW	2 • 26 3 • 52 2 • 31		•27 T T T .51 •13 •03	Ť	•32 •04 •01 •09	.42 1.21 1.1 .36 .21 .4	.9	•07	•70 •32	1	
FRENCHBURG GAMALIFL GEORGETOWN WATER WORKS	3.35	T .	.51 T .06	Т	.09 .25 .30	.15 [.04 .6	.13	T T	. 58 T		T
GEST LOCK 3 GLASGOW GLASGOW WKAY	2 • 6 2 4 • 3 1 4 • 6 7	. 20	• 27 • 55 • 28 • 24	T .00	.47 .54 .12 .30 .6 .31 .10 .25 .02	.21 .12 .4 .16 1.38 .8 .83 1.47 .0 .23 .65 .2	34)8 † T		.42 .88 .03 .87		• 42
GLENOALE 1 E GOLOEN PONO 8 N GRANT 04M 38	2 • 26 4 • 46 2 • 68	+15	•20 •25 •16 •19	•10	6 •07 •30	.48 1.10 .0 .28 .20 .5)3 T T	ТТ	•14 •80 •51 T		•62
GRAYSON GREENSBURG GREENSBURG HIWAY 61 8R	3.08	MISSING	.38 .23 .02 .35	T +1:	T •03	•18 1•02 •6 •27 •75 •6		•15	-60		Т
GREENUR OAM 30 GREENVILLE 2 W HARTFORO 6 NW	2.94 2.73 2.43	.08	•23 T •12 •03 •05	T .0:	0 .33	•27 •39 •!	54	•08 T T	*25 T T *68 *66 T		+41
HAZARO WATER WORKS HEIDELBERG LOCK 14 R	2.59		.64 .07 .03 .38 .04 .03		•37 •04 •32	.19 .30 .4 .23 .50 .6	48	• 05 T	.46 .35		.49
HENOERSON 4 SW HICKMAN 1 E HICKSVILLE	3 • 28 5 • 42 4 • 00	.05	.09 .10 .06 .38 .38 .14	*02 +1 *02 -0	3 .24 .50	.20 .92 .25 1.48 1.1 .69 1.13 .4 .32 .42 .5	10	T	.15 .94 .02 .88 .68		
HIGH BRIOGE LOCK 7 HINOMAN SETTLEMENT SCH HORKINSVILLE	2.94		•31 T •62 •15	.1	.13 .20	.32 .25 .6	10 .08		•50 •89		
HYOEN INEZ IRVINGTON	2.59 2.31 2.70	.09	.69 .05 .03 ***	.1		.16 .34 .6 .33 .19 .3 .23 .84 .6	.01	•02	.48 .21 .56		•20 •45
JACKSON JEREMLAH	3.00 0 1.89 2.84		.57 .02 .03 .45 0.10		.04 .56 .40 .25	.10 .10 .10 .10 .46 .43 .10	12 .06	•10	.46 .53		
KEENE 1 NNE KENTUCKY OAM LA GRANGE 1 SW LANCASTER	3.28 0 4.73 2.40	1	.32 .20 .30 .29	* O T	06 .13 .12 2.01 .20 .15 .04	.49 .50 at	61 T	1.00	.83 .02 .40 .43		
LEITCHFIELO LEXINGTON WB AIRRORT R	2.55	T • 27	.28 T	T • 2	*19 *14 *35 *38 *15 *35	.31 .59 .4 .19 .77 .25 .85 .4	.03 .03	T T	•59 •09 •36 •60		o 49
LIBERTY LITTLE HICKMAN LOCK 8 LOCKRORT LOCK 2	3 · 40 2 · 65 2 • 55		.45 .05 .50 T		•10 •25 •43 •28	•25 •40 • •23 •22 •	75 T 50 •16	T T	+40 +46		
LONDON FAA AIRPORT LOUISA 2 LOUISVILLE	3.59 1.79 3.07	.15	.06 .02 .01 .32 .06 .03	•6	.02 .02 60 .20 T	.29 .97 .32 .20 .28 .81	T .05	.03 T T	.07 .59 .20 .50		+24 T +40 +50
LOUISVILLE WE AR R LOUISVILLE URRER GAGE	2.72		T •25	T +5	.34 .14	.23 .55	60 •02 •01 •03	Ť	.30 .25 .58		a 55
LOVELACEVILLE MADISONVILLE 1 SE MAMMOTH CAVE RARK MANCHESTER 4 SE	4.41 2.67 3.37 2.56		.29 T T	•1	19 •22 24 •05 •01	.37 .40 · .85 .76 .	15 T	•02	•56 •03 •68 •51		.25
MAYFIELO MAYSVILLE OAM 33	3 • 8 8 2 • 8 7		.20 .01	.0	09 •19 •11	.50 .70 .	55 .20	•01	.94 .41 .03		7
MC KEE MIOOLESBORO MIOWAY	3.53 3.61 2.23		.65 .03 .04 .50 .21 T .25	Ť	.20 .55 .05 .20 .25 .10	.26 .51 . .34 .78 . .32 .27 . .23 .75 .	60 .08 52 .09	.04 T .01 T	.57 T .83 .01 .43		
MILLERSTOWN MONTICELLO MOUNT STERLING	3.19 3.01	Т	.69 .04 .04 .29 .10	T T	•41 •55 T	.19 .65 .		•02 •25	ه 53		.29
MOUNT VERNON MUNFOROVILLE 1 N MURRAY	3 • 47 2 • 45 4 • 09	T	•55 •04 •31 •01 •08 •06	T • 2	1.05 .15 .01 27 .24 .25		34		*19 *83		•32

DAILY PRECIPITATION

KENTUCKY FEBRUARY 1959

Station	Total													Do	y of 1	nonth											***************************************					
	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OLNEY ONEIOA ONEONTA DAM 35 OWENSBORO 2 W OWENSBORO DAM 46	2.80 3.34 2.86 2.15 2.21				.26 1.00 .33 .22 .23	•06	• 0 7 T		т	.09 .04 .10	•11			•41 •22 •27 •33 •24	•12 •16 •46	•68 •28			ø25	•02 T	т			•72 •51 •35 •66 •68	т		1		Ť	,		_
PAQUCAH FAA AIRPORT PAQUCAH PAINTSVILLE PIKEVILLE PINEVILLE	3.68 3.13 2.57 1.84 3.01			•16 T	7 7 • 36 • 47 • 50	*11 *08 *07 T	•05 •01 •01		•02	•24 T	•28 •22 •04 •12 •02	•27			•96 •60 •21	•49 •27		Т	.16 .14	† •01 •06	T T		+81 T	.03 .56 .23 .31					•50 •53			
PRINCETON RAVENNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE	3.85 I.85 2.26 2.49 3.49				•17 •28 •28 •23 •25	.07	T T •04 •03 •05			• 35 • 03 • 09	•16 •10 •13 •14	• 0 4	•18	•37 •18 •20 •34 •36	•42 •51	.77			.06 .03				+12	.75 .28 .37 .73					•47 T			
RUSSELLVILLE SUBSTA ST JOHN BETHLEHEM ACAO SALVISA LOCK 6 SALYERSVILLE 2 SE SCOTTSVILLE	3.15 1.81 2.49 2.33 5.16			·13	•25 •26 •31 •57 •28		.08		т	.27	.34 .08 .29	•25		• 34 • 22 • 41 • 37 1• 05	• 29 • 44 • 55	•35 •53 •22			.06 .03	т			† •06	•78 •30 •48 •20 •58					.44			
SEBREE SHAWNEE STEAM PLANT SHELBYVILLE 2 W SHEPHEROSVILLE SOMERSET 1 N	2.72	RECOR		ING •12	•06 •26 -	•08	•03		+03	•26	*14 *19 *20 1*08	•23 •05	•10	•52 •25 •30 •50	.42	• 34		•03	+03 +05	•03				•73 •53 •60	Т				•03			
SPRINGFIELO STEARNS SUMMER SHAOE SUMMER SHAOE SUBSTA TAYLORSVILLE	3.46 5.24 2.40				.35 .55 .20 .45	•06 •26	T T	τ		T T		.56 1.48 1.65		•25 •29 •15 •19 •40	.68 .36 1.34	.32 .64 1.60 .73 .48			•05 •02 •08	T • 05 T T • 05	т		. 01	- •58 •68 •70					-			
TURKEY CREEK SCHOOL TYROME LOCK 5 UNIONTOWN 0AM 49 VALLEY VIEW LOCK 9 VANBUREN	3.60 2.62 2.40 2.11	RECOR	O MISS	. 02	•25 •27 •18 •28		•07		т	•17 •13	•27 •34 •50 •17	*16 T		.49 .40 .25 .30	•82 •19 •35 •35	•52 •72 •36 •58			*06 T	T T				.99 .48 .63					т			
VANCEBURG OAM 32 WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW	3.06 2.80 2.08 3.38 2.82				• 37 • 41 • 35 • 50 • 33	T •10 •09	•06 •03 •03			т	•32 •08 •08	.43 .37 .01 .44		.44 .22 .30 .19	• 46 • 64 • 25 • 61 • 26	•50 •61 •61 •74 •34			•16 •03 •10 •05 •22	.04 .03 .01 .07				•34 •35 •24 •63					•03			
WILLOW LOCK 13 WOLF CREEK DAM WOODBURY LOCK 4	2.23 3.36 2.86				•29 •61 •21	.03	.10 .03 .04				•05 T •32	.36		•21 •29 •24	•52 •63 •95	•67 •68 •38			• 05 T	•01				•33 •73 •72					т			

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issu

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Tempsrature in *F, precipitation and evaporation in inches mod wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice. Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Iodex shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication,

- No record in the "Daily Precipitation totals may be found in the annual issue of this publication."

 No record in the "Daily Precipitation" Table; "Busporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
 And also on an earlier date or dates.
 Fastest observed one minute wind apsed. This station is not equipped with automatic wind instruments.
 Asount included in following measurement, time distribution unknows.
 Asount included in following measurement, time distribution unknows.

 It is recorded to a substantial that windshield.
 This satry in time of observation column in Station Index means after rain.
 Data hased on observational day ending before noon.
 Adjusted to a full month.
 Water equivalent of soowfall sholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
 One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if can be considered to a full south.

 Should be considered to a full south of the state of th

In the Station Index the letters, C. G. H. and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gags Recording Station. Hourly precipitation values are processed for special purposss, and are published later in "Hourly Precipitation Data" Bulletin. 6 "Boil Temperature" Table.

 B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

 J "Supplemental Data" Table.

Information concerning the history of changee in locations, elevations, exposure etc. of substations through 1955 may be found in the publication "Substation Bistory" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Dureau stations may be found in the latest annual inceme of Local Climationgical Data for the respective stations, obtained as indicated above, price 15 cents.

General weather conditions in the U. S. for each month are described in the publications WONTHLY WEATHER REVIEW and the monthly CLIMATOLOGICAL DATA, NATIONAL SUMMARY, either of which may be obtained from the Superintendent of Documente, Government Printing Office, Washington 25, D. C.

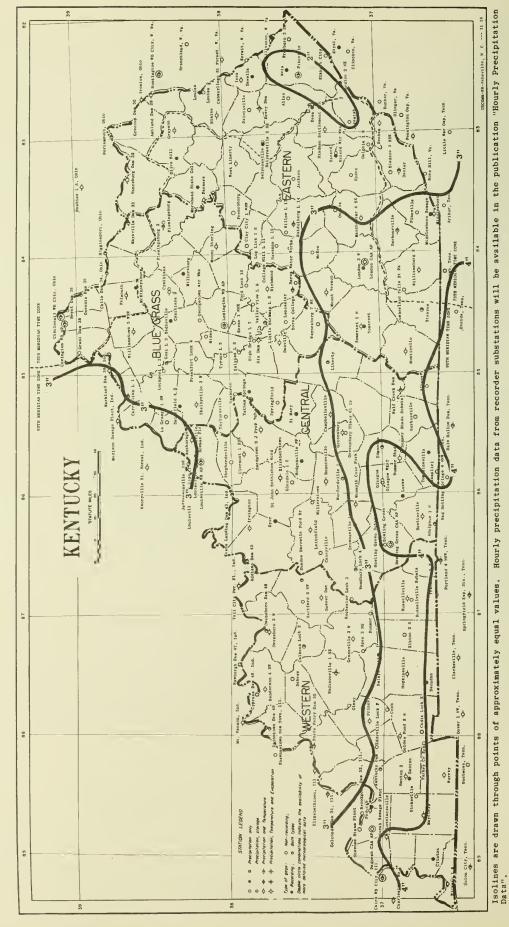
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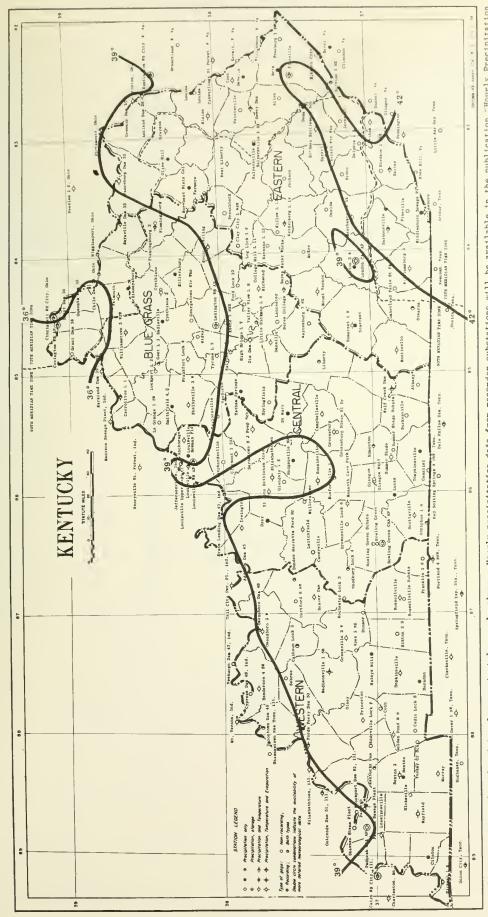
DAILY TEMPERATURES

		T					-	-	-							Плу	OI M	anth	-											, , , , , , ,	I	8.
Station		1	1	3	4	5	6	7	8	9	10	11	1,1	11	14	15	16	17	18	19	20	21	72	3	24	Z'i	26	21	28	9 30	0	Avera
ANCHORAGE	MAX	15	28	44 16	44 25	188	40	55 18	90	61	67	41	57	56 45	60	48 79	44	62	50 27	21	27 11	44	49	52	49	54 21	61	5.6	5.8			49.0
ASHLAND DAM 29	MAX	36	12	55 17	54 35	40	40	56 20	53 40	65	74 59	60	64	54 43	60 50	52	45	58	52	18	2 B 1 5	45	51 21	5.7 3.7	16	50 21	6.1	6.5	58 36			51+6 29+7
BARBOURVILLE	MAX MIN	45	43	58 24	53 34	51 28	50 20	60	61	64	70 58	67	66 22	60	65 49	68 16	54	61	60 32	31,	3 3 1 5	44	50 16	65 37	56 32	58	62	65 30	60 37			56.6
BARDSTOWN S J PREP SCH	MAX	37	30 15	50 19	44 28	37 26	4 I 18	57 23	56	62	64 54	54	60 25	5 7 4 5	66 45	50 28	49	62 37	51 25	29	30 13	12	48	54 40	48	56	61 25	67 31	63 34			51+0 27+9
BAXTER	MAX	48	44	40 22	60 31	44 25	50 25	42	56 17	55 38	68 43	67 30	49	57 29	52 46	63 38	52 26	55 26	59 35	48 20	29 16	32 9	42	46 19	62	50 25	55 25	60 26	64 12			51.8
BEAVER DAM	MAX MIN	40	30 18	44	42 30	3 7 2 3	42 16	58	5 7 44	63 47	71 55	55 20	55 25	55 45	63 48	48 30	51 21	67 38	56 29	29 14	29 15	45 10	42	53 36	50 26	5 7 2 2	64 27	70 31	60 32			51.2 28.1
BENHAM	MAX	51 26	48 15	47 22	56 28	43	49	40	52 14	52 42	66 52	67 26	48	55 35	59 49	64 42	56 24	53 25	5 9 35	46 15	26 12	31 8	42	45 11	59 32	48	54 24	55 28	59 30			51.1 25.2
BENTON 2	MAX MIN	38 27	32 20	44	43	38 17	43	59 13	61 40	63	65 53	53 21	54 21	59 47	61 43	44 31	52 23	69 36	62 29	32 13	32 15	47	46	54 37	53 21	56 21	62 23	69 29	61 32			51.9 26.4
BEREA COLLEGE	MAX MIN	37	31 14	58 19	54 31	43 29	41	59 24	59 35	65 44	72 58	65 22	61	59 43	71 50	52 28	50 24	64 40	60 30	31 10	3 O 1 2	45 15	48	60 38	49 26	55 21	62 29	67 36	65 40			54.0 28.7
BLAINE	MAX MIN	15	30 10	59	55 34	44	39 16	55 13	58 28	68 37	75 60	62 26	64 15	69 43	70 51	59 33	49	62 31	5 7 3 1	33 16	27 10	44	49	58 34	51 34	55 15	60 20	66 25	63 30			54.1 25.4
SONNIEVILLE	MAX	38	30 16	49 17	45 31	37 24	41	56 11	57 40	63 38	69 53	53 21	5 6 22	56 45	68 50	51 29	50	66 32	55 29	29 14	30 12	44	43	57 37	49	57 20	62 22	67 28	57 34			51.3 26.1
SOWLING GREEN FAA AP	MAX	40	31 20	47 25	42	39 23	43	56 19	59 43	67 43	70 32	42	55 24	58 48	70 43	43 27	52 24	65 37	52 22	29 16	31 16	45 13	40 23	59 32	50 28	56 24	64 25	66 36	59 35			51.1 27.3
CAMPBELLSVILLE	MAX MIN	38	33 17	53 23	47 33	36 27	43	56 21	57 44	61 45	69 59	59 21	58 27	66 44	70 51	51 30	50	66 39	59 30	32 14	3 0 I 4	43 14	43	59 37	50	56 27	61 27	66 34	58 45			52.5
CARROLLTON LOCK I	MAX MIN	33	26 13	46 13	46 31	40	39 20	54 20	53 43	58 37	69 55	55 24	58	55 46	59 50	53 29	46	60 36	57 29	32 11	27 10	45 16	48	52 36	46	52 20	60 26	65 37	62 33			49.9
CLERMONT I SSE	MAX	39	35 15	46 15	45 31	37 26	41 15	55 18	56 47	60	69 59	60 18	58	55 45	62 51	52 29	48 25	62 35	60 30	33 13	30 13	44	47 20	53 37	50 24	55 20	61 24	67 31	66 34			51.6
COVINGTON W8 AIRPORT	MAX MIN	26 16	28	44	38	35 26	35 19	52 25	48	62	67 28	37	56 24	52 45	58 38	39 28	46	58 37	43	20	23	40 16	46 23	47 36	42 27	49	56 33	62 39	53 33			45 • 1 26 • 1
CYNTHIANA 2	MAX MIN	38	33 13	29 12	53 20	34 24	37 17	39 15	50 21	55 35	65 48	66 20	40 19	60 20	63 45	60 30	35 23	49	62 31	32	25	27 12	43 16	49	55	46 16	53 20	60 30	65 30			47.3
OANVILLE	MAX MIN	37	36 14	30 14	55 28	34 27	35 17	40 17	56 27	56 42	67 49	69 21	40	59 24	57 49	67 28	35 24	49	61 33	34	25	29 13	44	47 30	55 27	49	55 24	61 30	66 40			48 • 1 24 • 8
OEWEY OAM	MAX MIN	44	40 18	33	65 19	41 31	50 26	40 19	59 19	60 41	70 41	74 30	45 19	67 19	58 46	71 39	41	51 25	63 34	45 16	28	31 8	45 15	51 15	54 38	49 18	56 18	53	58 29			51.5
MAO XIO	MAX MIN	38 23	30 14	53 20	53 31	35 25	40 18	57 22	57 40	57 45	70 57	60 22	58 26	55 48	67 53	57 28	48	63 37	60 29	31 10	27	44 13	48 23	54 27	47 26	54 23	61 27	66	65 39			52.0 28.4
EL1ZABETHTOWN	MAX	36 23	32 15	47 16	45 30	37 24	40 16	53 17	55 40	61 37	68 55	55 19	56 20	54 41	65 50	52 28	49	65 34	57 29	32 12	29 11	36 12	44	50 36	50	54 21	60 22	66	60 28			50 • 3 26 • 1
FALMOUTH	MAX MIN	31	28 12	51 13	47	41	40 19	56 15	50 40	58 36	68	55 24	61 19	57 43	61 47	53 30	49	64 34	55 28	28 10	28	45 I 4	50 18	54 35	45 29	54 18	62 24	65	60 28			50 • 6 26 • 5
FARMERS	MAX MIN	39 22	34 13	56 15	56 33	39 29	40 21	57 14	56 37	61	71 58	61	64 19	60	68 51	55 31	50 22	64 33	60 30	32 13	28 12	43 11	48 16	56 37	48 29	53 17	61 23	65 30	64 33			53.2 27.1
FLEMINGSBURG 2	MAX MIN	32 20	29 10	53 11	49	36 23	40 11	55 18	51 39	58	65 49	50 23	61	54 43	65 48	50 28	47 23	63 35	55 27	28	27 10	43 10	50 19	52 34	43 27	54 21	62 25	66 36	62 37			50.0 26.0
FOROS FERRY DAM 50	MAX MIN	33 29	30 19	43 19	41	33 26	41	56 26	54 43	64 48	71 40	40	50 25	58 46	61 45	47 31	52 21	67 37	57 28	29 13	28 16	44	43	52 38	47 29	52 27	62 32	68 37	60 34			49.4
FRANKFORT LOCK 4	MAX MIN	40 25	34 14	29 14	51 16	34 26	38 20	40 18	56 17	53 41	68 45	68 24	42 22	60 24	55 49	62 29	36 29	48	64 34	35 13	25 12	28 13	44	49	48	48	53 22	60 24	65 32			47.6
GLASGOW WKAY	MAX MIN		30 18	51 25	44	36 27	42 12	56 19	59 46	64	68 55	55 22	58 26	57 44	69 50	50 30	51	66 39	58 31	31 14	30 13	43 10	40 19	56 38	50 25	57 27	62 23	66 33	60 42			51.7 28.9
GOLOEN PONO 8 N	MAX MIN		35 19			3 8 2 0	44		55 42	64 41		54	50 25		62 48	50 30			65 28		30 14	46 7		55 37	53 23	57 22	64	68 32	64 33			52 • 6 27 • 0
GRAYSON	MAX M1N																															
GREENSBURG	MAX MIN	38 26	40 18	33 18		35 22	37 15	43 15	58 18	57 39	70 50	68 18	43 21	58 23	60 50	70 31			68 36	37 15	30 15	33 10		50 30			57 23	62 26	69 34			50 • 8 24 • 9
GREENVILLE 2 W	MAX MIN	38 25	34 19	44	43	36 22	43 10	58 22	58 45	63 49	70 57	58 20	53 25	55 45	63 52	53 30	51	65 40	57 30	31 12	3 0 1 5	46	46 25	55 37	49	56 23	64 28	68 34	63 35			51 • 8 28 • 9
HE10ELBERG LOCK 14	MAX MIN	39 23	36 16	58 16	55 32	48 27	42 16	58 12	58 34	65 36	73 53	67 25	62 17	58 43	69 51	60 33	49	69 33	61 30	33 14	30 13	45	49 15	60 34	52 31	56 17	61 22	65 27	64 40			55•1 26•3
HENDERSON 4 SW	MAX MIN	35 24	30 17	42 19	41 28	32 26	40 17	55 26	51 45	61 45	69	44	49	56 45	57 45	46 30	50 26	64 39	54 27	27 12	28 15	45 17	41	51 36	50 25	54 24	64 34	68 39	57 35			48.6
HICKMAN 1 E	MAX M1N	36 28	30 25	30 23	40	38 25	36 1	42	54 27	60 44	68 50	65 30	40	58 38	62 46	54 30	55 28	58 32	65 31	40 16	3 2 1 6	38 15	46 25	50 35	55 32	57 27	59 28	63 35	67 40			49.9
HINOMAN SETTLEMENT SCH	MAX MIN	43 26	35 18	34 21	62 27	40 29	45 23	38 13	55 14	58 35	69 41	69 26	41	63 19	59 51	70 38		50 23	63 34	49 18	27 12	29	41 8	47 23	63	47 20	55 21	60 25	64 31			50 · 8 24 · 2
HOPKINSVILLE	MAX MIN	3-8 2-5	40 19	34 20	43 32	36 22	37 10	41	59 26	59 42	70 51	68 21	41	53 31	59 48	63 29	58	62 26	69 32	37 12	30 14	32 13	46 25	51 32	56 27	53 27	57 28	60 30	68 35			50 • 7 26 • 3
INE2	MAX MIN	46	48 15	65 14	60	45 24	46 21	61	61 29	62 38	75 55	71 27	66 14	61 45	71 50	70	21	62 31	54 31	34	31	45	50 12	60 31	52 34	54 15	61	68 25	61 36			57.0 25.0
lRVINGTON	MAX MIN	36	29	43 18	43	39 25	44	57 23	55 44	61 42	69 48	48 18	55 23	56 45	61 48	48 27	49	65 35	55 26	34 11	30 11	45	47 25	51 36	51 24	57 23	62 28	69 35	55 34			50 • 5 27 • 6
LE1TCHFIEL0	MAX M1N	37	29 17	48	43	38 26	42	57 26	56		68	48	55	54 46	59	48	48	66 38	54	28 13	34	44	44	53 37	49 28	56	62 31	71 31	58 36			50 • 4 29 • 2

CONTINUED																					_										FEBR	UARY	1959
Station		_				_						1					Of M	-														_	erage
LEXINGTON W8 AIRPORT	MAX	33	2 29	3 52	43	35	38	53	53	63	10	40	12 59	13	65	40	16	61	46	19	20	41	22	52	24	25 52	26 59	27	28	29	30	31	48.1
LONDON FAA A1RPORT	MIN	36	13	53	25 45	26 47	17 39	25	41 55	45 65	29 69	21	25 57	55	40 70	28 46	50	38 59	20	26	12	12	25 45	34 60	48	26 58	30 60	38 62	62				26.7 50.5
LOUISVILLE	MIN	34	30	45	43	29 38	20	19 57	39 53	37 62	37 69	45	24 58	56	46 59	50	49	34 64	53	30	29	10	18	36 53	49	25 55	62	68	60				27•3 50•2
LOUISVILLE W8 AP	M1N MAX	34	16	21	30	37	42	57	53	67	68	40	57	56	60	29	50	39 65	30 47	26	29	45	49	37 53	50	54	32 62	69	35 55				49.3
LOVELACEVILLE	MAX	36	33	42	30 42	36	44	57	58	65	71	25 45	47	48 58	60	30 47	29 52 25	37 65 39	20 57 29	31 14	13 33 15	16 45 12	24 43 24	38 54 38	30 53 25	26 58 25	29 64 26	39 67 33	36 61 35				50.9 28.3
MADISONVILLE 1 SE	MAX MIN	38	20 34 19	22 43 18	30 43 30	21 35 26	41 13	20 57 22	43 56 45	52 62 45	45 69 6D	21 62 20	25 54 22	46 56 46	47 61 46	31 47 30	51	65	60	31	28	45 12	43	55 37	50	57 23	63	67 33	61				51.2 28.8
MAMMOTH CAVE PARK	MAX	26 40 21	32	48 19	44	36 25	42 12	54 17	57	62	68	59 20	52	55 38	68 48	57 27	50	66	56	34	31 12	42	45	57 34	51	59	61	67 32	62				52·0 27·3
MANCHESTER 4 SE	MAX	42	37	59	55 34	50 31	45	58	58 35	65	71 59	66	60	58 43	72 51	61	52	64	56 32	34 16	32	44	49	65	50	57 21	62	67	65				55.5 28.7
MAYF1ELD	MAX M1N	35	30	42	40	43	42	60	62	65 45	72 48	48	48	57	60	48	51	66	56 29	29 14	34 15	45 16	42 27	54 38	54 27	58 28	64	67 38	58 34				51•1 28•6
MAYSVILLE DAM 33	MAX MIN	35	3 O 1 2	29 12	54 10	35 25	37 24	40 16	57 15	50 38	65 38	67 27	40 19	62	54 46	60 31	37	48 28	60 35	36 15	23 12	27 12	45 15	50 18	55 33	45 18	52 18	60 25	65 33				47 • 1 23 • 0
MIDDLESBORO	MAX MIN	47 30	39 23	57 29	51 36	51 32	49 25	56 16	54 42	55 39	69 54	67 29	56 28	52 41	67 49	67 39	54	61 36	58 33	33 18	35 19	48 10	46	66 37	59 35	56 25	62 24	65 32	65 35				55•2 30•6
MONTICELLO	MAX MIN	3 8 2 7	33 19	55 26	47 33	49 27	43 15	60 21	57 46	60 45	71 55	58 24	59 27	56 45	71 51	51 33	53	66 35	58 30	31 14	30 15	43 10	45 19	64 34	48 29	56 23	60 24	65 33	67				53.4 29.5
MOUNT STERLING	MAX	48	43 18	54 18	50 31	34 26	39 17	55	54 42	60 45	69 53	57 22	61	56 43	60 40	56 28	47	63 37	54 27	27	26 13	42 13	48 13	50 38	50 26	54 24	60 29	65 35	60				51.5 27.7
MOUNT VERNON	MAX M1N	3 8 2 3	33 15	54 22	47 32	44 28	39 12	58 19	55 42	63 40	71 58	58 22	60 28	56 43	68 49	50 30	48	64 35	56 29	28 10	28	42 10	46	61 38	47 30	55 20	60 26	66 30	64 45				52+1 27+9
MURRAY	MAX M1N	39 26	31 21	43 25	42 26	38 21	44	58 21	60 44	65 50	71 47	47 22	5 0 2 5	58 47	57 49	47 30	52 25	69 45	55 30	32 14	31 15	45 14	40 19	55 38	55 21	57 25	62 26	68 35					51.0 28.7
OWENSBORO 2 W	MAX	37 26	31 19	41 20	40 30	32 26	41	56 27	55 44	62 47	71 45	45 21	51 21	55 46	58 47	47 30	50 26	63 37	54 28	28 13	27 14	45 15	42 26	51 36	52 33	53 27	62 31	70 38					49.1 29.7
PADUCAH FAA AIRPORT	MAX	35 25	29 20	43 23	38 31	32 22	42 7	55 26	60 42	67 52	71 29	41 20	49 24	59 49	60 35	38 27	51 25	64 40	40 20	26 13	30 16	44 15	41 28	52 32	52 28	56 24	63 29	67 35	50 30				48 • 4 27 • 4
PAOUCAH	MAX M1N	36 25	30 19	43 22	42 29	39 20	42 8	5 8 2 2	57 42	65 52	72 50	50 21	47 25	58 46	60 46	47 31	52 25	67 39	61 28	34 13	32 15	46 13	43 25	52 38	53 28	56 26	64 27	67 34	64				51.3 28.7
PIKEVILLE	MAX	41 29	35 22	66 25	51 37	48 30	44 28	64 19	60 36	67 41	73 58	68 32	64 22	57 47	72 52	62 39	53 29	65 38	52 33	33 20	34 17	48 12	52 20	66 40	53 38	59 24	65 28	67 30	63 38				56.5 31.6
PRINCETON	MAX	40 26	33 20	42 17	43 30	37 19	42 2	59 18	59 39	63 47	70 49	49 18	48 18	56 46	60 46	46 30	50 22	66 43	56 29	35 12	33 15	49 9	40 30	53 37	55 21	60 22	65 24	70 30					51.4 26.9
RICHMOND	MAX	38 22	37 14	31 15	54 25	34 25	34 16	39 14	52 25	56 41	66 50	71 22	41 22	61 22	57 48	69 29	39 23	49 25	62 35	35 12	27 11	29 13	43 17	48 30	56 26	48 19	55 21	60 27	65 35				48.4
RUSSELLVILLE	MAX M1N	41 24	33 18	45 23	44 30	37 25	43 11	58 20	60 45	63 44	71 50	52 22	55 27	57 44	67 41	50 28	52 22	65 40	60 29	31 13	31 14	45 11	40 29	59 35	51 25	58 23	64 24	65 29	68				52 • 3 27 • 8
ST JOHN BETHLEHEM ACAD	MAX	38 22	35 13	32 14	50 28	35 20	37 14	39 17	55 23	54 41	67 49	62 22	40 20	56 23	58 49	64 27	36 23	48 26	64 31	35 8	28 10	29 10	42 16	48 26	52 23	48 21		62 30	33				23.6
SCOTTSVILLE	MAX	40 27	36 19	50 26	44 30	40 26	14	57 24	60 46	63 50	69 53	55 23	56 30	59 45	68 40	42 31	53 24	66 38	58 33	34 16	31 14	12	41 24	61 38	51 27	58 25	64 27	67 38					52.5 30.1
SHEL8YVILLE 2 W	MAX	39 23	30 13	46 12	45 30	38 25	3 9 12	54 21	54 42	58 41	67 53	53 20	57 22	54 44	61 51	52 28	47 27	61 36	59 29	30 10	27 11	43 13	47 22	51 35	47 25	53 23	60 25	66 35					27.3
SOMERSET 1 N	MAX	34 25	33 17	52 24	44 33	47 28	41 12	58 17	56 39	60 33	70 57	62 24	58 25	54	69 50	51 33	50 21	65 33	57 30	30 10	30 13	40 11	45 18		47 28	55 24		65 31					52.1
SUMMER SHADE	MAX	40 31	3 9 2 5			43 29			52 21		65 40	69 41	42 23	57 28	58 47	67 49		52 22		29	30 15	14	10	22	37	24	25	61 26	35				50.6
VANCEBURG DAM 32	MAX M1N	35 22	29 11	55 15	55 32	39 29	52 22	54 17	52 38	60 37	56	56 26	60 24	43	63 45	32	28	61 36	30	14		14	48	35	32	1	26	61 34	32				50.6
WEST LIBERTY	MAX M1N	36 21	35 12	31 13			43 20		58 16			74 27	41 17		57 49		22		35	14	13	28	15	18	31	1	18	21	. 29				50.0
WILLIAMSBURG 2	MAX		49 20		54 35	38 28	52 23	45 19	57 19	59 44	71 50		48 21	31	56 49			55 24		15	13	34 10	1	20	32	25	59 25		36				53.9
WILLIAMSTOWN 5 WSW	MAX MIN		28 9		49 22	37 24		39 17	50 22	54 34	48		20	22	60 46	26	26	27	27	7		7	14	24		21	52 21	59 31	39				46.8
WOLF CREEK OAM	MAX		41 19			37 29		43 15	60 15	61 38		72 24	23		61 50			52 23			30 15	33 8	45 7	20			58 22	63 22					52.6
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SOMERSET 1 N	SNOWFALL SN ON GND				-															T												
SUMMER SHADE	SNOWFALL SN ON GND							Т																								
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND																			T T	Т											





Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

KENTUCKY

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STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	-	SPECIAL	OBSERVER		STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	OBSERVER
ADDISON DAM 45 ADDIPHUS 1 N ALBANY ALLEN ANCHORAGE	0043	BRECKINGIDGE ALLEN CLINTON FLOYD JEFFERSON	7 3 2 1 7	37 55 36 39 36 41 37 35 38 16	86 34 86 16 85 08 82 43 85 33	380 600 960 658 700	70	6A 7A 7A 8A 7P	c	CORPS DF ENGINEERS IDELL M. DEARING MRS.BARBARA M. COOL NANNIE AUXIER C. E. BARRET		LEXINGTON WE AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LOGLICK 1 S	4825	FAYETTE CASEY JESSAMINE HENRY CLARK	4344	38 02 37 21 37 45 38 26 37 51	84 36 84 55 84 35 84 58 84 02	979 772 560 465 773	MID	7A 7A 6A	000	HU U.S. WEATHER BUREAU PALLIA F. MANKLA CORPS OF ENGINEERS CORPS OF ENGINEERS HUBERT BURGHER
APEX Z NE ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BAXTER	D185 D254 0381 D397	MUHLENBERG BOYD KNOX NELSON HARLAN	3 7 2 8 2		87 19 82 36 83 53 85 28 83 20	510 551 1000 631 1164	6P 6P 6P 7A	7A 7A 6P 6P 7A	СН	SPENCER PROWSE CORPS DF ENGINEERS UNION COLLEGE ST+ JOSEPH PREP SCH C+ HOMER NOLAN		LONDON 3 W LONDON FAA AP LOUISA LDUISA 2 LDUISVILLE	4.600	LAUREL LAUREL LAWRENCE LAWRENCE JEFFERSON	2 2 1 1 7	37 08 37 05 38 07 38 07 38 14	84 08 84 05 82 37 82 36 85 46	1277 1191 582 585 462	M1D	MID 8A 6P	c	CITY OF LONDON FED. AVIATION AGENCY CHARLES F. BRANHAM HAROLD C. FERGUSON LOUISVILLE G + E CO
BEAVER DAM BENHAM BENTON BENTON 2 BEREA COLLEGE	0595	OHIO HARLAN MARSHALL MARSHALL MADISON	3 2 9 9	37 25 36 56 36 51 36 51 37 34	86 52 82 57 86 20 88 20 84 18	441 1585 395 305 1070	6P 8A 5P 6P	6P 8A 5P 6P	СН	E. G. YOUNG C. C. WHITEAKER JAMES H. MILLER RADIO STATION WCBL JAMES A. GROSSMAN	"	LOUISVILLE BOWMAN FLD LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOWELACEVILLE	4951 4954 4955 4967	JEFFERSON JEFFERSON JEFFERSON BALLARO BARREN	7 7 7 6 3	38 13 38 11 38 17 36 58 36 53	85 40 85 44 85 48 88 50 86 02	558 474 403 370 738		M10 AA 40	c	CORPS OF ENGINEERS HJ U.S. WEATHER BUREAU CORPS OF ENGINEERS BLAINE MALONE WILLARD E. FOSTER
	0624 0752 0770 0854	HADISON LAWRENCE HARLAN HART WARREN	1 4 3 3	37 33 38 02 36 54 37 23 37 00	64 15 62 50 63 20 85 54 86 26	1010 670 1870 702	6P	7A 6P 7A 6P 7A		MRS. LAURA B.GABBARD A. ENOCH WHEELER MRS VIRGINIA NOLAN HAROLD WALTERS JAMES R. EDWAROS		MADISONVILLE 1 SE HAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELO MAYSVILLE DAM 33	6097	HOPKINS EDMONSON CLAY GRAVES HASON	3 3 4 6 7	37 19 37 11 37 06 36 44 36 38	87 29 86 06 83 43 88 39 83 42	439 600 650 364 515	5P 5P 6P 6P 7A	7A 5P 7A 7A	7A C	HOMER WELBORN. JR. H NATIONAL PARK SVC NORA S. WHITE MAYFIELD ELEC + WTR CORPS OF ENGINEERS
BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENT DAM 36 BROWNSVILLE LOCK 6 BURDINE 2 NE	0907 0909 0978	WARREN WARREN CAMPBELL EDMONSON	3 3 7 3	37 01 36 58 39 03 37 12 37 13	86 26 86 26 84 25 86 16 82 35	470 535 497	нір	5A M10 7A 7A 8A	н	TVA-639 FED. AVIATION AGENCY CORPS OF ENGINEERS ELDRIDGE SKAGGS EDWIN L. JOHNSON		MG KEE MC KINNEYSBURG META MIDDLESBORO MIDDLESBORO SEWAGE PL	5291 5301 5370 5369		2 5 1 2	37 26 38 36 37 34 36 37 36 38	84 00 84 16 82 27 83 43 83 43	1000 662 730 1130		7A	c	MRS.WINNIE #. MORAN RICHARD T. SYDNOR CHARLES MURRAY LON L. HERRELE CITY UF MIDDEESOURO
BURKESVILLE CADIZ LOCK E CALHOUN LOCK 2 CAMPBELLSVILLE	1137 1206 1227 1256	CUMBERLAND TRIGG MC LEAN TAYLOR	2 2 3 3	36 47 36 46 37 32 37 20 37 25	85 22 87 56 87 16 85 21	600 424 402 771		7A 7A 7A 6P 7A	С	MARVIN M. LEE CORPS OF ENGINEERS CORPS OF ENGINEERS ALVA-MC KINLEY G. V. COX SR.		MIDWAY MILLERSBURG MILLERSTOWN MONTICELLO MOREMEAO STATE COLLEGE	5407 5430 5438	WOODFORD BOURBON GRAYSON WAYNE ROWAN	5 3 2 5	38 09 38 16 37 27 36 50 38 11	84 41 84 09 86 03 84 50 83 26	789 588 960 770	6P	7A 7A	c	CITY OF MIDWAY DAVID C. BAILEY OVA M. LAWLER ALVIN L. BERTRAM INACTIVE 9/57
CAREYVILLE CARROLLTON LOCK 1 CLAY CITY 1 WNW CLERMONT 1 SSE CLINTON COBB	1345 1576 1611	GRAYSON CARROLL POWELL BULLITT HICKMAN CALDWELL	4 4 8 6 2	38 41 37 52 37 55 36 41	86 30 85 11 83 56 85 40 89 00 87 47	480 712 474 390 490	6P 5P	6A 7A 5P	c	CORPS OF ENGINEERS JOEL W. MOUNTZ BERNHEIM FOUNDATION WOODSON D. FRANKLIN MRS BENNIE B. WHITE		MOUNT STERLING MOUNT VERNON MUNFORDVILLE 1 N MURRAY OLIVE HILL	5640 5648 5684	MONTGOMERY ROCKCASTLE HART CAŁLOWAY	5 2 3 9 7	38 04 37 21 37 16 36 36 38 18	83 56 84 20 85 53 88 20 83 11	930 1137 636 622	5P 5P 6P	5P 5P 7A 6P	c	FRED CARTMILL CITY OF MT. VERNON LUMARD A. RICHARDSON MURRAY STATE COLLEGE FARI R. MADDIX
COLLEGE MILL LOCK 11 CDVINGTON WB AIRPORT CUMBERLAND FALLS ST PK CYNTHIANA CYNTHIANA 2	1704 1855 1969 1998	ESTILL BOONE WHITLEY HARRISON	7 3 5	37 47 39 04 36 50 38 23 38 23	84 06 84 40 64 19 84 18 64 17	611		7A M1D 5P 7A 8A	СН	CORPS OF ENGINEERS U.S. WEATHER BUREAU KY DEPT OF CONS. MARSHALL HILL KY. CARDINAL DAIRY		OLNEY ONEIDA ONEONTA DAM 35 OMENSBORD 2 W OWENSBORD DAM 46	61,20	HOPKINS CLAY CAMPBELL DAVIESS DAVIESS	7 4 7 7 7	37 14 37 16 38 56 37 46 37 47	87 47 83 39 84 18 87 09 87 08	533 750 512 420 404	6P	8A 7A 7A 7A 6A		MEEVIE PARLEE NEISZ MRO. ANNA L. URUWN CORPS OF ENGINEERS VIRGE D. CEARK CORPS OF ENGINEERS
DANVILLE DAVELLA DELPHIA 1 E DEMA DEWEY DAM	2040 2053 2132 2139	BOYLE HARTIN PERRY KNOTT	4 1 1	37 39 37 48 37 02 37 25 37 25	84 46 82 32 83 07 82 48 82 47	955 718 1647	7A	7A	C C C	R. P. COLDIRON MRS. EVA M. DAVIS BALLARD F. WALKER.JR HATTIE 6. BARNEY CORPS OF ENGINEERS		PADUCAH FAA AIRPORT PADUCAH PADUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE		MC CRACKEN MC CRACKEN MC CRACKEN JOHNSON PIKE	7 7 7 1	37 04 37 06 37 06 37 49 37 29	88 46 88 37 88 36 82 48 82 31		50	MID 5P 7A 8P	c	FED. AVIATION AGENCY WESTERN P. LACKEY CITY OF PADUCAM H JESSE FAIRCHILD USS. WFATHER BUREAU
DIX DAM DUNDEE BARRETTS FORO BR DUNNOR DYER EDDYY LLE LOCK F	2214 2358 2366 2391	MERCER OHIO MUHLENBERG BRECKENRIDGE	3 3 3	37 48 37 33 37 05 37 43 37 03	84 43 86 43 87 00 86 13 88 05	870 440 592 793	4P	7A 7A 7A	7A C	PHILLIP O. THACKER JESSE L. HUFF N. D. GIVENS LENA BLAIR CORPS OF ENGINEERS		PINEVILLE PRINCETON RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3	6384	BELL CALDWELL ESTIEL MADISON OHIO	2 2 4 4 3	36 45 37 06 37 40 37 44 37 13	83 42 87 53 83 57 84 18 86 54	1002 529 634 1085 401	5P 8A	7A 5P 7A 8A 7A		FOLEY PARTIN ALTON M. HARVILL CORPS OF ENGINEERS THOMAS C. HERNUUN CORPS OF ENGINEERS
EDMONTON EL 12 ABETHTOWN ELKHORN CITY ELKTON 2 S FALMOUTH	2469	METCALFE D HARDIN B PIKE TOOD PENDLETON	3 3 1 2 5	1	85 37 85 52 82 21 87 10 84 20	865 739	6P	7A 6P 7A 7A	c	JOHN E. MORAN RADIO STATION WIEL EUMOND O. BENNETT S. RICHARU ANDERSON FRANK H. LAWSON		RUSSELLVILLE RUSSELLVILLE SUBSTA SADILVILLE ST JOHN BETHLEHEM ACAD ST - MARY	7049 7054 7074 7091	LOGAN LOGAN SCOTT HARDIN MARION	3 3 4 8 8		86 53 86 54 84 33 85 59 85 21	590 576 791 777 743	6P	7A 7A 7A	c	M MM. U. PORTER TVA-683 LAWRENCE ROGERS S15TER MARY U. DUTZ JOHN U. DAUER
FARMERS FLEMINGSBURG FLEMINGSBURG 2 FORD LOCK 10 FORDS FERRY DAM 5D	2791 2903 2908 2953	ROWAN FLEMING FLEMING HADISON CRITTENDEN	5 5 5 4 7		83 33 83 43 83 45 84 16 88 06	668 870 911 660	4P 6P	7A 7A M1D 6A 6A	CH			SALVISA LOCK 6 SALVERSVILLE SALVERSVILLE 2 SE SCOTTSVILLE SEBREE	7121 7129 7134 7215 7234	WOODFORD MAGOFFIN MAGUFFIN ALLEN WEBSTER	5 5 3 3	37 56 37 45 37 44 36 45 37 36	84 49 83 05 83 03 86 12 87 32	490 859 920 770 348		6A 7A 5P 7A	c	CORPS OF ENGINEERS STANLEY GARDMER FORREST C. WILLIS NUBLE ALLEN GILBERT I. ASHBY
FRANKFORT ŁOCK 4 FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL	3026	FRANKLIN SIMPSON PIKE MENIFEE MONROE	3 1 5 3	38 14	84 52 86 34 82 10 83 39 85 48	504 690	6A	6A 7A 8A 7A 7A		CORPS OF ENGINEERS MRS KATIE D. NEAL MRS ALTA S. GOOSLIN JAMES A. LEVERIDGE E. GUY DECKARD		SHAWNEE STEAM PLANT SHELBYVILLE 2 W SHEPHEROSVILLE SMITHFIELD 4 S SOMERSET	7311 7324 7334	MC CRACKEN SHELBY BULEITT SHELBY - PULASKI	7 8 8 8	37 09 38 13 38 00 38 20 37 06	88 47 85 16 85 44 85 16 84 37	165	6P	7A 7A 7A	CC	TVA-709 MRS. WILLIE S. RATTA OVID K. MAGRUDER F. W. SIMPSON CORPS OF ENGINEERS
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENDALE 1 E	3194 3203 3241 3246	SCOTT HENRY BARREN BARREN HARDIN	3 3 3		84 33 84 53 85 55 85 55 85 54	888 490 780 808	6P	8A 7A 7A 6P	Сн	WILLIAM F.BRAMBLETT		SOMERSET 1 N SPRINGFIELD STEARNS SUMMER SHADE SUMMER SHADE SUMMER SHADE SUBSTA	7510 7604 7677 7800 7805	PULASKI WASMINGTON MC CREARY METCALFE METCALFE	2 8 2 3	37 07 37 41 36 43 36 53 36 53	84 37 85 14 84 29 85 43 85 40			6P 7A 7A 6P 7A	c	H RADIO STA WSFC WM+ H- GUATLEY MRS+ ALICE N+ DALE CHAS+ H- MC MURTREY TVA-684
GOLDEN POND 8 N GRANT DAM 38 GRAYSON GREENSBURG GREENSBURG HIWAY 61 BR	3295 3358 3391 3430	TRIGG BOONE CARTER GREEN GREEN	2 7 7 3 3	36 54 38 59 38 19 37 15 37 15	88 00 84 50 82 57 85 30 85 30	393 503 589 630 590	7P	4P 7A 7A 7A 8A	н	FISH + WLDLF REFUGE CORPS OF ENGINEERS KENNETH L. CARNOLL HOWARD PILKETT ROBERT L.BLAKEMAN.JR		TATHAM SPRINGS TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	7924 7948 8060	WASHINGTON SPENCER MONROE TRIGU ANOERSON	8 8 3 9 4	37 52 38 02 36 42 36 45 38 02	85 09 85 21 85 41 88 05 84 51	692 483 920 390 524		7A 7A 7A	c	R. C. UEDMAN MRS. KATHRYN D. CARR STANLEY HURO TVA-680 CORPS OF ENGINEEPS
GREENUP DAM 3D GREENVILLE 2 W HALEYS MILL HARTFORD 6 NW HAZARD	3451	GREENUP MUHLENBERG CHRISTIAN OHIO PERRY	7 3 3 3	38 37 37 12	82 51 87 12 87 20 86 54 83 12	538 519 740 429	5P	7A 5P 8A	c	CORP OF ENGINEERS C. R. LOVELL CLEATUS E. BRINKLEY DAVID K. CARSON H. A. BAILLY		UNIONTOWN DAM 49 VALLEY VIFW EOCK 9 VANBUREN VANCEBURG DAM 32 WAYNESBURG 7 NE	8197 8246 8250 8259 8486	UNION JESSAMINE ANDERSON LEWIS LINCOLN	7 4 8 7 2	37 46 37 51 37 58 38 39 37 25	87 57 84 26 85 10 83 21 84 36	358 571 558 525 1215	6P	6A 7A 7A 7A 7A	C	COMPS OF ENGINEERS CORPS OF ENGINEERS EUWARU DE STEVENS COMPS OF ENGINEERS MRS. RITA RIDDER
MAZARD WATER WORKS HEIDELBERG LOCK 14 HENDERSON 4 SW HERNDON HICKHAN I E	3714 3743 3762 3798 3816	PERRY LEE MENDERSON CHRISTIAN FULTON	4 4 7 2 6	37 15 37 33 37 47 36 44 36 34	83 11 83 46 87 37 87 34 89 10	880 663 382 512	5P 6P	7A 6A 6P 7A	C H	LEE J. HOGSTON CORPS OF ENGINEERS FRANK STREET C. W. KEATTS MRS. NELL S. CALVIN		WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK DAM	8551 8709 8714 8724 8807	MORGAN HHITLEY GRANT LEE RUSSELL	5 2 4 4 2	37 55 36 44 38 38 37 36 36 52	83 15 84 10 84 38 83 50 85 09	852 1010 914 649 585	8A 7A 8A	8A 7A 6A 6A	ti A	MRS. ELIZABETH BROWN ESTIE M. MEADOMS HENRY NORTHCUTT COMPS OF ENGINEERS CORPS OF ENGINEERS
HICKSVILLE HIGH BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH MODGENVILLE NAT PARK MOPKINSVILLE	3821	GRAVES JESSAMINE KNOTT LARUE CHRISTIAN	9 4 4 3 2		88 30 84 43 82 59 85 44 87 30	544 1080 788	8 A	7A 6A 8A 7A	C	TVA-679 CORPS OF ENGINEERS HINDMAN SETT+ SUN+ NATIONAL PARK SOC NEWELL F+ SMITH		WOODBURY LOCK 4	8824	BUTLER	3	37 11	86 36	504		7A	C	CUMPS OF ENGINEERS
MYDEN INEZ IRVINGTON JACKSON JEREMIAH	4093 4134 4165	BRECKINRIDGE BREATHITT LETCHER	4 1 3 4	37 10 37 52 37 53 37 33 37 10	83 23 82 32 86 17 83 23 82 56		7.0	7A 6P 7P 7A 5P		MRS. FERM F. ELAM UNITED FUEL GAS CO												
REENE 1 NNE RENTUCKY DAM LA GRANGE 1 SW LANCASTER LEITCHFIELD	4414	JESSAMINE LIVINGSTON OLDHAM GARRARD GRAYSON	4 9 7 4 3			941 362 874 1032		7A 5A 6A 8A 8A		HUGH W. BUFFIN TVA-379-A ALBERT V. HARDIN KENTUCKY UTIL CO CLYDE STIKELEATHER												

2 1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT, 9-TENNESSEE

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U. S. DEPARTMENT OF COMMERCE

LEWIS L. STRAUSS, Secretary
WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

MARCH 1959 Volume LIV No. 3



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KENTUCKY - MARCH 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 84° on the 25th at Pikeville Lowest Temperature: 10° on the 19+ at 3 stations

Greatest Total Precipitation: 4.77 inches at Benham
Least Total Precipitation: 1.09 inches at Paducah

Greatest One-Day Precipitation: 1.90 inches on the 27th at Oneida

Greatest Reported Total Snowfall: 7.9 inches at Covington WB Airport

Greatest Reported Depth of Snow on Ground: 4 inches on the 12th at
Brent Dam 36 and Covington
WB Airport

MARCH 1959

		-	-		Lemp	cratu	f in											ф	tiplomo				
		T	T		T		T	1	1	7	t,	17	ug		-	T			102	n last		1	al l'ay
Station		8.	85	A . e 20	0	T C	(7) 6	Span	Dee	De, ss	M 1.	,	M :		Tora	Sear a very a ve	r L	***		, , , , , ,	e c	0	3
WESTERN																							
BEAVER DAM BENTON 2 FORDS FERRY DAM 50 GULDEN PONO 8 N GREENVILLE I W		59.3 61.3M 59.9 62.2 59.1	33.4 33.9M 35.9 35.0 34.1	46.4 48.1M 47.9 47.6 46.7	8	80 80 81 79	25 31 31 31 32	20 1 20 1 25 1 19 2 19 1	8 8+ 3+ 8	521 521 535 560	0 0 0	0 1	7 4 9 5	0 0 0 0 0	1.85 2.04 2.54	- 3.41	.57 .7(.65	6 26 26 9+	• f	0	11	5 6 8 5	1 0 2 0 7 0
HENDERSON 4 SW HILKMAN 1 E HOPKINSVILLE LOVELACEVILLE MADISONVILLE I SE	A.M A.M	58.7 57.0 58.2 61.5 59.8	34.7 34.7 34.7	47.6 45.3 45.1 48.1 47.0	- 2 · 8 - · 6	74 82 80	25 26 26 31 25	23 1	6	549 605 612 519 552	0	0 1 0 1	4 9 4	0000	1.95 2.46 2.78 1.53 2.21	- 3.60 - 2.60 - 4.00	•57 •56 •54	26+ 26	1	0		9 6 9	2 0 2 0 1 0 1 0
MAYFIELD MURRAY OWENSBORO 2 W PADUCAH FAA AIRPORT PADUCAH		60.6 60.6 57.6 58.3 61.9	36.7 35.4 35.0 34.7 36.1	48.7 48.0 46.3 46.5 49.0	- 1.2 2	79 79 78	31 31 25 31 31	23 1 24	6+ 6 8 7+ 6	502 526 574 565 490	0	0 1 0 1 0 1	5 5 5	00000	2.32 1.83 2.33 1.84 1.09	- 3.91 - 2.99 - 4.19	.70 .59 .45 .59	26 1 26 26 26	• 0 • 0 T T	0 0 0	12	6 9 7 3	1 0 0 0 2 0 1 0
PRINCETON RUSSELLVILLE		61.CM	32.4M 33.5	46.7M 46.5	- 1.3		31+ 31+	19 2 21 2		560 569	0			0	1.83	- 3.65	.95 .61	26	• ()	0		9	1 0
DIVISION CENTRAL				47.1	6				3						2.04	- 3.35			T				
ANCHORAGE BARDSTOWN S J PREP SCH BOWNIEVILLE BOWLING GREEN FAA AP CAMPRELLSVILLE		54.6 57.4 56.8 57.2 57.5	30.6 33.5 30.9 31.9 33.8	42.6 45.5 43.9 44.6 45.7	- 1.7 - 3.9	80 79 78	25 25 25 31+ 25	15		686 601 649 625 594	0 0 0 0	0	14	0 0 0 0	2.12 2.32 2.49 2.29 2.35	- 2.75	.43 .64 .50 .51	26 26 26 20 6	T • 2 T T T	T 0 0 0 0 0 0	11	7 7 8 7 8	0 0 2 0 1 0 1 0 1 0
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АМ	58.1M 57.4 58.0 55.9 57.1	32.4M 32.1 32.5 29.4 33.7	45.3M 44.8 45.3 42.7 45.4	- 4.1 - 1.1		25 25 26	16	18+ 18	606 621 603 685 600	0 0 0 0	0	17 17 16 22 16	0 0 0 0	2.49 2.73 2.70 2.60 1.76		.61 1.00 .51 .65	26 26 6 6 26	T T T	T T O T O	6 6 3	9 6 9 8 6	
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	R AM	57.1 57.2 55.6 59.2 53.0	34.3 35.4 33.7 31.0 31.3	45.7 46.3 44.7 45.1 42.2	- 1.3 9 - 3.1	81	25	21	18 22 18 18	591 577 627 613 704	0 0 0 0	0 0	15 14 16 19	0000	3.29 2.19 2.13 2.22 2.09	- 2.54	.94 .42 .64 .46	27 291 5 6 27	TTTT	0 T 0 T	17+	8 8 6 7 9	0 0 1 0 0
SCOTTSVILLE SUMMER SHADE WOLF CREEK DAM	АМ	58.9 57.7 56.0M	33.6 31.7 26.9	46.3 44.7 41.5M		79 78 78		21	23+ 18+ 19	573 621 727	0 0	0 0	17 19 23	0	2.52 3.66 3.78		.49 .68 1.11	26 26 27	T • 3	0 0		7 9 10	
DIVISION				44.6	- 2.0										2.54	- 2.79		Ì	Т				
BLUE GRASS																							
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT CYNTHIANA 2 DANVILLE	R AM AM	59.6 55.2 50.9 53.3 53.5	33.2 31.6 31.2 27.5 31.1	46.4 43.4 41.1 40.4 42.3	6	81 79 77 78 79	26	11 15 17 10 17	18 22 18	578 661 736 753 697	0 0 0	0	16 17 18 23 20	0 0 0	2.00 2.41 2.52 3.03 3.25	- 2.15 - 1.52	.34 .70 .67 .73	1 6 5 21 21	7.9 .0	0 4 0 1	12	7 9 6 7 8	2 0 3 0
DIX DAM FALMOUTH FARMERS FLEMINGSBURG 2 FRANKFORT LOCK 4	АМ	56.6 55.8 57.7 55.3 53.0	32.6 29.9 29.9 30.0 28.4	44.6 42.9 43.8 42.7 40.7	- 1.7 - 4.7	79 81 80 82 80	25 25 25		18	626 680 651 684 746	0	0 0 0 0	16 19 18 19 21	0 0 0	2.11 2.49 2.27 2.20 2.17	- 2.65	.61 .57 .54 .47	21 27 26 6	00 200 T T T	0 1 T 0 T	114	7 9	2 0 1 0 0 0
LEXINGTON WB AIRPORT MAYSVILLE DAM 33 MOUNT STERLING RICHMOND SHELBYVILLE 2 W	R AM AM	53.2 52.9 55.5 53.6 55.8	31.5 26.8 33.0 29.7 32.1	42.4 39.9 44.3 41.7 44.0	- 1.9 - 4.2 9	78 79 79 80 80	26 25	17 10 16 14 14	18 18	692 773 636 715 644	0 0	0	22 25 15 21 16	0 0 0	2.66	- 1.98 - 2.52	.42 .67 .53 .44	26 21 9 27 6	•4 •5 1•3	1 1	3 13+	6 8	2 0
WILLIAMSTOWN 5 WSW	AM	52.2	28.0	40.1	- 4.2	78	26	16	23+	764	0	0	25	0		- 2.34	•72	6		3	11	8	2 0
DIVISION				42.5	- 2.9										2 • 49	- 2.48			1.3				
EASTERN 30		56.3	32.5	44.4	- 1.6	81	25	18	1.8	632	0	0	16	0	1.89	- 2.49	.44	27	т	Т.	13-	7	00
ASHLAND DAM 29 BARBOURVILLE BAXTER BENHAM BLAINE	AM AM	55.0 52.7 58.1	27.6 27.3 27.1	41.3 40.0 42.6	- 1.0	79 78 82	26 26	16 14	18 8 18	726 769 689	0	0	23 26 22	000	3.35 4.77 2.19		.95 1.36 .41	27 27 27	• 2 5 • 0	0	13-	10	2 0 3 1
DEWEY DAM GRAYSON 1 SE HE1DELBERG LOCK 14 HINDMAN SETTLEMENT SCH INEZ	AM AM R AM	57.4 59.9 54.8 59.3	27.4 27.9 27.3 25.0	42.4 43.9 41.1 42.2		81	26 26+ 26 25	13 12 11 11	18 23	695 648 735 702	0	0 0	24 23 24 25	0 0 0	1.96	- 3.45	.91 .61 .70	27 27 27	T T	T T O	13	5 9 8	1 0 2 0
LONDON FAA AIRPORT MANCHESTER 4 SE MIDDLESBORO MONTICELLO MOUNT VERNON		54.9 59.5 60.1 58.5 56.8	29.7 28.5 31.2 32.4 31.4	42.3 44.0 45.7 45.5 44.1		79 82 79 79		17 14 17 17 17	18 18 18	697 643 592 601 642	0 0 0	0 0 0 0	22 22 20 17 18	00000	2 • 22 1 • 71 4 • 35 3 • 11 3 • 66		•56 •80 1•61 •90 •98	26 27 27 27 27	1.9	T T 0 0	12	7 5 8 7 7	2 2 2 2

CONTINUED

KENTUCKY

				Ten	perat	ure										Precip	noitation					
											No. of	Days					Sno	ow, Sleet		N	o. of (Days
Station	Average	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days		ŏş	Win.	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY AN WILLIAMSBURG 2 AN DIVISION		33.0 31.1 31.1 26.5	46.6 43.6 43.4 40.8	- 3.7	84 78 80 81	25 25	20 15 16 12	18	564 658 661 744	0 0 0	0 1	17 0 19 0	3.27 2.30 1.93	- 1.91 - 2.44 - 2.17	.65 .71 .45 .76	27 26 12 27	T T • 5	0 T	12	9 11 7 5	1 0 1	0

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	ive hum per	idity ave	rages -		Numl	per of da	ays with	precip	itation			Inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:DD a CST	6:DD a	12:D0 p CST	6:D0 p	Trace	9010.	.10–.49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON WB AIRPORT	SSW	17	11.7	40++	WSW	15+	67	72	56	54	8	7	4	2	0	0	21	-	7.3
LEXINGTON WB AIRPORT	s	17	13.4	-	-	-	73	79	55	58	7	4	7	0	0	0	18	-	6.0
LOUISVILLE WB AIRPORT	SE	13	12.1	43	sw	15	67	75	54	51	12	3	5	1	0	0	21	54	6.2

	d												t	Day of	monti								_		,					
Station	Tota	1 (2 3	a la	1 5) t	7	8	9	10	11	12	13	[4		16	17	18	19	20 2	1 2	2 23	24	25 21	-1-	7 2			0 3	1
ADDISON DAM 69 ADDEPHUS I N ALRANY 6 N ALLYM ANCHORAGE	1.12	4 4 5		.10 .20 .77	·1 ⁴	.14	98 T		.15 .16	.04	•1°	5 .2 6 .6 0 .6	2 ft 5 ft	71	.21		τ			.15	34	0.7			1.	01		04 ·	15	
APEX ? NE ASHLAND DAM 29 BARROHRVILLE BARRSTOWN S J.PRIP H BARTER	2.77	RICER	D M1551	1NG +14	0.0		100 +0 100 +0 100 +0		.25 .24 1	.09 .03	.1	0	04 .	0 } 0 ∂ 1 0	.21	.0	T 1 T			.15	01	03 14 -05		•	fi h	01	0		20	
BEAVER DAH DINHAH BINTON 2 HERFA COLLEGE BIRFA WATER WORKS	2+00	0 .14		.02 .23 .18	-17	01	.08 .76 .32 .14 T		.42 .16 .25 .21	•1	.0	0 .0	14 .	1 # 0 % 0 6	۰0	Т	•0	2		.0n	.D7	.19			.07 .	02	.09	.17 .17	.14	
BLAINT NEFDSOR 2 551 ROWNIEVILLT ROWLING GREEN ROWLING GREEN SUBSTA	2 • 45 2 • 60 2 • 90	0 .48		·18		.25	-22 -45 -41 -39		. 31 . 35 . 05		.1 .0	3 .	07 T		•0	2				• 75 • 04 T	.57	Ť		:	50 1	,	•04	.11	+17 +24	
BOWLING GREEN FAA AP BRINT DAM 36 BROWNSVILLE LOCK 6 BURDIN 7 NF BURNESVILLE	2.29	2 .13	T 3.6	.19 .01 .20	† † •20 †		T .77	02	-1- -0' -2' T		1 •2 1	.0	34 08 T		T 15	7	T			• 51 T	.06 .56 -	Ť			T	.41 .35 .65 .95	-12	13 q	.D7 .14 - .27	7
CADIZ LOCK E CALMOUN LOCK Z CAMPBELLSVILLE CAMEYVILLE CARROLLION LOCK 1	2.4 2.5 2.3 3.1 2.4	2 .48		.28 .15		.1D	.95 .38 T .57 .48 T	0.5	•1 •3 •2 •4 •1	7 T	o •2	9 .	07 07 04 09 1	.08	• C	2				•09 •25 •10	.01 .02 .17 .34				.07 .22 .13	.62 .04 .85 .41		.09 .27 .10	•15 •07 •10	
CLAY CITY 1 WNW CLERMONT 1 SSF COAB COLLEGE MILL LOCK 11 CDYINGTON WB AIRPORT 8	2 · 8 · 2 · 4 · - · · · · · · · · · · · · · · · ·	9 .28 .48		.40 .09 - .16	T	.17	.32 .45 .68 .23 T	02 T	•1 •1 •1 •1	9 .1	2 .0	02 .	13 13 08 26 104	r r	T T	T T	T T	т		T •07	.27 .03	•1D •08			.58	.01 .08 .62	т	. 35	•05 •12 T	
CUMBERLAND FALLS S7 PK CYNTMIANA CYNTMIANA 2 DANVILLE DELPHIA 1 F	2.9 3.0 3.2	13 .70		.06 • 06			.36 7	.27 T	.0 .2 .1	3 .0	• 5 12 .5	58 4	-	•04	Ť	Т	Т			T •D3	.70 .73 .77 .34	•05 •6D				•53 •50 •66 •76	.01		.08 .10 .20 .30	
OFWEY OAM DIX DAM DUNDEE BARRETTS FORD BR OUNMOR EDOYVILLE LOCK F	1.9 2.1 2.5 3.5 2.0	11 •41 51 •30		1 - 1 4 1 - 1 5 - 1 4	•05	•13	.25 1 .27 .64	•	• 1 • 4 • 9	6 2 0	7 T	04	. 32 T . 02 . 04 . 08	.05						•D1 •10 •25	.61				•11 •30 •71	.30 .40 .47 .05	T	.06	.20 .20 .34	•
EOMONTON ELIZARFINTOWN ELKHORN CITY ELKTON Z FALMOUTM	3 · 6 2 · 1 3 · 2 2 · 4	73 T - 32 •48		.20 .12	.05 .18 T	•D3		· 05	•1 •1 •1	6 T	23	05	•13 •28	.18 T	Ť	58				•2D •12	.09 .04	T T			•43	T •52 •58 •47	• 25 T T	• 4D • 22	• 35 • 11 • 06	.27 .
FARMERS FLEMINGSBURG FLEMINGSBURG 2 FORO LOCK IO FOROS FERRY DAM 50	2 • 2 2 • 0 2 • 2 1 • 8 1 • 8	03 •52 20 •40 89 •11		.09 .24 .10 .14 .05	•06	.03	.12 .32 .21 .52	•01 •14 •03	•0 •1 •1	1 .	11 •	06 22 04	.37 .07 .18 .24	Ť	Т	03	Т			*D3	• 20 • 17 • 38	.01			•47	.42 .01 .22 .06	•02 T	.D4	*11 *14 *12	
FRANKFORT LOCK 4 FRANKLIN 1 E FREEBURN 2 SW FRENCMBURG GAMAL1FL		69 •42 25 •32 RECO	.03 RD MIS	*11 7 \$1NG *25	•19	т	. 56	7 •02 T		2 .	23 T	08	.47 .70	.05 .05		09	Т			Ť	.34	•07 T			т	.65 .70	.1D .03	T •15	.33	
GEORGETOWN WATER WORKS GEST LPCK 3 GLASGOW GLASGOW WKAY GLENOALE 1 E	2 · · · · · · · · · · · · · · · · · · ·	98 •51 55 •45		.08 .06 .10 .25		•15	.39 .60 .90 .51	T T		26	05 T	30	•28 •22 •10 •04 •22	7	1					•23 •02	.70 .31 .43				•46 •02	.40 .40 .01		.13 .05	.07 .35	•
GDLOEN PONO 8 N GRANT DAM 38 GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 8R	2 • 2 •	74 .15 RECO .37	ORD M1S	.20 T SING .17 .19	•09	•50	.08 .84 .65	T		23 T	21 .	03	.17 .48		٠.	03	1	т		•06	.D9	T			7	.56 .26 -	•09 T	***	.03 .35 .22	•
GREENUP DAM 30 GREENVILLE 2 W HARTFORD 6 NW HAZARD WATER WORKS MEIDELBERG LOCK 14	1 · 2 · 3 · 2 · 1 · 1	54 +05 17 T 50 +23	3	.44 .11 .05	.02 .03	.54	•18 •12 •57 •29 •25	T .		97 99 11 97	43 7 16 10	10	•29 •02 T •39 •23	.03		16				*19 T	.D2	•D3		i:	.65 .13	.02 .54	•56	.25 T .D6	• 28 • 19 • D3	•05 •
MENOERSON 4 SW MICKMAN 1 E HICKSVILLE MIGM BRIDGE LOCK 7 MINOMAN SETTLEMENT SCM	1 · 2 · 2 · 2 · 2 · 2 ·	46 •52 57 •38 73 •36	5	.07 .18 .23 .11		.39 .29 .34	.50	•05	•	07	07 4	05	.02 .03 .14 .23	.05 .06	•	10				+04	.61 .18	.74			•D9	.14 .38 .70	т	•15	•19 •25	•05 •
MOPKINSVILLE MYDEN INEZ IRVINGTON JACKSON	1.	78 •45 13 •16 -76 96 •13	5 7	.25 .09 .06	•05 •11	.32	•52 •17 • •13 •35		•	23	03 1 48 01	T •04	•05 •37 •10 •01 •38	•03 •10		06		т		•19	.D3 .D4 .03	•10			•52 - •50	.49 T	•1D •04	•17 - •27	.25	7
JEREMIAM KERNE I NNE KENTUCKY DAM LA GRANGE I SW LANCASTER	2.	.81 -19 .64 .39 .80 .50	6 5 0 T	•21 •13 T •28			.88 .50 .43	•25 •10	:	26		•02	.64 - .07 .20 .27	.1D .08		18		т		Ť	.2D .10	•04			.43	.47 .32 .35 .53	•25	•03	.20 .11 .10 .24	Т .
LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2	R 1 • 3 • 2 •	.29 .3 .82 .0 .22 .3 .74 .4 .18 .5	1 7 5	•17 •10 •15 •12 •05	Т	•29	.05 .50 .35	• 05		30 4 15 4 10 1	10	.33 .13	.09 T .50 .35	.09 T .05 T		10		т		•08 •25	.33 .D2 .55 .70	•10			*42	.94 7 .30 .40 .25	• 03	•10	.12 .25 .12 .12	•
LONDON FAA AIRPORT LOUISA 2 LOUISVILLE LOUISVILLE WB AP LOUISVILLE UPPER GAGE	R 2.	• 22 • 0: • 58 • 29 • 19 T • 13 T • 74 • 3	0 T	• 29 • 02 T • 05 • 03	•1D	.26 .28 .64		T •02 T	т	D2 4	11 10 07	•11	.01 .27 T T	T T T T	T :		т	T T T T		•10 •17 •16 T	. D2	• 05			• 56 • 42 • 34	.04 .48 T T .37	7	•09 •42 •42	• D5	.01 .
LOVELACEVILLE MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELO	2 0	• 53 • 21 • 22 • 71 • 32 • 32	0	•06 •14 •18		.48 .05 .22	•20			14 32 28 10 16		T •03 •09	.08 .07 .41			32				•05 •02 •24					.56 .48 .39	.80		.12 .13 .25	• D7	•
MAYSVILLE OAM 33 MC KEE MIOOLESBORO MIDWAY MILLERSTOWN	3 4 4 2 4	.83 .4 .20 .2 .35 .1 .49 .7	4 .06 2 6	-08	*1D *16		.30 .40 .38 .47	.03 T T .02		20 16 10 28	08 07 04 08	•11 •04 •02	• 27 • 04	•02 •03 •05 T		10,34	•02	Т	т	.16						.51 1.19 1.61 .33 .32		.18		7 .
MONTICELLO MOUNT STERLING MOUNT VERNON MUNFOROVILLE 1 N MURRAY	3.	•11 •4 •55 •3 •66 •8 •49 •3	0	•10 •50 •14 •17 •20		•15 •08 •42	.53	т	•	53	02	.10 .71	.49 T .07	*04 T T T			T	т		• 07 • D3	.09 .24 .21 .36	T		•98	•47 •03 •01 •59	• 90 T T • 29	т	T •15 •03 •18	• 20	•

CONTINUES	-								-					Da	v of m	onth																_
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OLNEY ONEIOA ONEONTA OAM 35 OWENSBORO 2 W OWENSBORO OAM 46	2.74 3.83 2.29 2.33 2.33	• 30 • 45	•16	•32 •05 •04 •12 •12	т	•12	• 32 • 42 • 65 • 38 • 42	•09	•13	•31 •05 •02 •38 •34		.03 .20 .08	.05 .42 .25 .10	D.09		o 24	т	ĭ •01			•07	T •07 •02			•02		•76 •33 •02	.05 1.90 .35 .04	•03	•17	•15 •08 •15 •25	.03
PAOUCAH FAA AIRPORT RAOUCAH RAINTSVILLE PIREVILLE PINEVILLE	1.84 1.09 2.43 2.76 3.52	•37	• 06	T T + 15	•10 •14	.50 .30	•20 •36 •05 •34	T T	•11	•14 T •26	•11	*11 T *03 *05	T •39 •91	T •04 •10	Т	•12		т			•05 T	•15 •09	•30 •12				•59 •59 •25	1.20	T	•15 T	•17 •05 •41	
PRINCETON RAVENNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE	1.83 2.66 2.95			.20 .09 .15 .24		.38 .03	•22 •30 •68 •61	т		•22 •10 •21 •35 •16		.08 T .01	• 30 • 42 • 07	T •03		T •03		т			•04 •15 •21	.08 .31 .14	•03				•95 •23 •31	 •44 •21 •26	- •03 •03	-	- •15 •39	
RUSSELLVILLE SUBSTA ST JOHN BETHLEHEM ACAO SALVISA LOCK 6 SALVERSVILLE 2 SE SCOTTSVILLE	2 • 20 2 • 09 2 • 65 2 • 46 2 • 52	•36 •58 •19	•05	•20 •09 •12 •06 •27	•02	+17	•22 •46			.30 .22 .19	•05 •36	*08 T T	•06 •12 •27 •26 •02	•03 •02				т			•24 •12 T	.05 .20 .35					•52	.42 .33 1.28			•10 •17 •21 •19	
SEBREE SHAWNEE STEAM PLANT SHELBYVILLE 2 W SHEPHEROSVILLE SOMERSET 1 N	1.96 2.79 - 3.27	•48 •33	.02	.09 .08	•05	.14	.88 .65	T •02 •01		.28 .22 .18		•10 •03	•12 •12 •15	T T	•01	•16	•01				•11	•12 •17 •10					•60	.44 .42 .19		.03 .05	•08 •22 •35	•02
SPRINGFIELO STEARNS SUMMER SHAOE SUMMER SHAOE SUBSTA TAYLORSVILLE	2.20 3.40 3.66 3.82 2.61	• 35 • 38 • 42	Т	•12 •16 •23 •26 •09	Т	•46 *	.62 .36 .48 .85	•26	•16	•21 T •12 •18 •04	т	•42 •12 •02	.24 .76 .05 .24	T •03 T		•15 •04					•53 •	.23 .27 .67	•14				• 68	.30 .97 .01 .70		* 30 T	• 23 • 24 • 29 • 28	
TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANBUREN	2.62 2.62 2.58 2.59	•62 •36	O MIS	•23 •12 •07 •12 •SING	•02	•16 T	•55 •55 •41 •25	T •01 T		•12 •15 •44 •21	•03 7 •05	.05 .01 .38 T	.06 .26 .11 .28	.02 T		•01 •08 T		т			•04 •01 •02	.20 .23					•47 •32 T	.08 .45 .19 .23	T	•13 •03	•16 •12 •20	•05
VANCEBURG OAM 32 WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2	2.30 2.57 1.93	•42 •18 RECOR	0 M1S		•01		• 39	•02 T		T •27 •08	.03 .04		•45 •49 •32	.03 .04 T		T • 02	*05 T	•05			•02	.10 .20	•10 •09					•41 •15 •76	+04		•08 •26 •16	
WILLIAMSTOWN 5 WSW WILLOW LOCF 13 WOLF CREEK OAM WOOOBURY LOCK 4	1.77 3.78 2.86		Т	.07 .12 .15	•11		•72 •20 •61 •52	T		•13 •16 •14 •27	•03	•30 •02 •54	•16 •26 •02 •11			• 06		Т			T •06	.04 .03 .10	•11 •16				•16	•53 •52 1•11 •46	•04 •02	•06	•15 •07 •27 •20	

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Sureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Sureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Oata" Table and on the maps, became effective with data for June 1956,

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Oureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. Neather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Oata in the "Daily Precipitation" Table; "Oaily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

- Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
 "Soil Temperature" Table.
 "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
 "Supplemental Data" Table.

OTHER REFERENCE NOTES

- OTHER REFERENCE NOTES

 No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

 And also on an earlier date or dates.

 Amount included the following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; bowever, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 This entry in time of observation column in Station Index means after rain.

 Oata based on observational day ending before noon.

 Adjusted to a full month.

 Mater equivalent of snowfall whelly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 Carried for this station, have been adjusted to represent the value for a full month.

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data.)

 This entry in time of observation column in Station Index means observation made near sunset.

 Trace, an amount too small to essure.

 Includes total for previous month.

 Observation column in Station Index means variable.

 Weather conditions in the U.S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOMOGICAL DATA—NATIONAL SIMMARY and STORM DATA all of which means to the publications wonth.

General weather conditions in the U. S. for each month are described in the publications MONTRLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

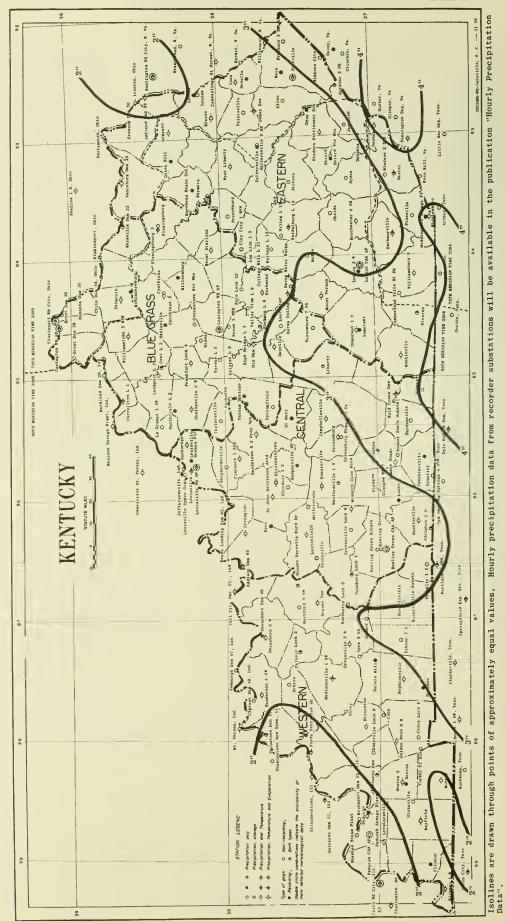
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Sureau stations may be found in the latest issues of Local Climatological Data, obtained as indicate date, price 15 cents.

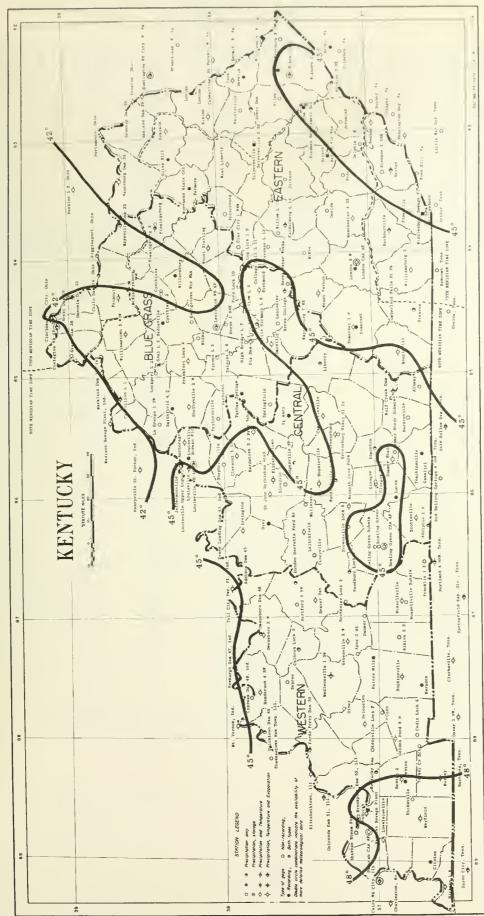
Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office. Washington 25. D. C.

																			-	_					-			_					-
Station		1	2	3	4	5	6]	7	8	9	10	11	12	13	14	Day 15	OEM 16	lonth 17	10	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ANCHORAGE	MAX	38	2	50	27	54	52	45	56	50	43	40	19	51	Ç1 fq	61	45	42	49	66	56	52	45		74	80	62	61	50 29	43		77	54.6
ASHLAND DAM 29	MIN	53	52	50	56	17	55	24	55	38 48	45	32 40	40	49	70	38 67	48	41	46		65	5.6	4,4	68	75	#I 39	72	61	46	52	58	77	56.3
BARBOURVILLE	MIN	36	29	36	31	30	16	32	22	40	33	35	28	31	34	44 64	28	29	18	24	3 [43	23	20	30	3.4	42	211	27	, ,	42		,,,,
	M1N MAX	45	54	51	60	55	54	45	58	5.3	50	4.3	41	59	69	63	49	44	50	67	65	53	45	68	75	80		67	50			78	57.4
BAROSTOWN S J PREP SCH	MIN	3.3	20	50	24	38	35	27	21	37	29	14	28	27	59	62	62	26 50	15	29	65	72	52	20	69	52 74	55 79	38	27 58	36 56	45	61	33.5 55.0
BAXTER	MIN	36	11	31	22	22	24	29	19	19	27	28	30	28	33	34 63	52	22	16	69	20	38 57	50	70	76	31	36 75	67	53	29 50	36 66	35	27.6 59.3
BEAVER DAM	MAX	29	22	32	63	56	33	26	23	40	30	34	31	25	49	40	20	28	20	28	45 65	69	23	22	70	48 75	56 78	60	30 60	38 52	37	62	33.4
BENHAM	MIN	30	45 28	28	23	27	55 37	41 26	14	17	26	27	26	26	31	26	22	21	15	1.8	25	61	50	19	26 77	34 79	40 76	46 73	28	28	30 67	32	62.3
BENTON 2	MAX	51	62 30	32	23	62 47	34	21	23	58	54 40	49 35		69 23	51			26	20	69	45	40	26		29 75	38	59	65	28	39 51	35 63	39 79	33.9
BEREA COLLEGE	MAX	60 33	5 2 2 4	51 32	59 29	59 37	33	46 28	58 23	57 41	55 29	52 33	52 26	56 25	67 49	67 38	51 27	27	50	32	68 48	40	19	20	40	56	5.8	40	23	31	39	39	33.2
BLAINE	MAX	59 35	51 24	4 8 32	57 22	52 23	55 37	42 30	56 14	54 34	51 29	59 31	27	51 26	70 26	63 45	18	20	10	14	68 23	43	19	13	76 24	31	80 36	37	22	2.2	40	33	27.1
BONNIEVILLE	MAX MIN	39 33	54 19	49 32	61 21	56 41	55 33	46 26	58 18	52 38	54 28	45 34	27	61 26	66 50	60 42	19	24	14	19	56 33	53 45	23	69 17	27	79 39	71 53	62 40	53 28	46 35	63 33	77	30.9
BOWLING GREEN FAA AP	MAX	44 26	57 23	51 32	6 0 26	58 40	43 29	48 24	58 23	53 33	55 34	47 33	47 31	65 27	67 47	57 30	53	45 28	54 20	66 27	58 47	55 33	49	67 23	75 32	78 43	67 54	55 34	52 31	46 39	65 32	78 43	57.2
CAMPBELLSVILLE	MAX MIN	49 35	53 25	50 32	60 27	57 39	55 33	45 26	57 23	53 40	54 31	50 35	43 29	59 29	67 47	62 31	50 24	43 28	51 21	66 26	61 49	53 48	50 22	68 23	74 33	78 50	70 56	61 38	54 28	52 38	63 37	76	57.5 33.8
CARROLLTON LOCK 1	MAX	42	51 22	50 36	56 23	54 3 7	54 31	30	55 22	54 41	42 32	40 31	39 26	53 28	64 46	64 40	45	42 23	46 15	66	64 34	55 42	43 20	67 17	73 29	79 41	77 45	62 38	47 25	47 34	61 42	75 46	55.2 31.6
CLERMONT 1 SSE	MAX	43	55	53 33	63 22	59 40	56 32	46 27	57 19		48 25	47 36	41 29	58 25	66 52	66 41	48	47 26	50 14	66	65 36	57 46	48 20	66 18	75 32	80 49	78 55	63 40	49 27	50 35	64 43	78 52	58.1 32.4
COVINGTON W8 AIRPORT	MAX MIN	36 32	47 25	46	52 26	49 36	50 29	39 27	5 2 2 5	50 34	39 31	35 27	36 24	47 27	62 44	5.8 3.3	39 24	33 21	45 18	65 32	54 39	48 24	42 17	65 24	71 41	77 50	60 44	59 33	45 24	44 34	59 41	73 48	50.9 31.2
CYNTHIANA 2	MAX	60	40	50	50	55 28	54 35	43	43 17	55 26	50 27	47	39 26	39 27	52 30	68 51	59 18	46	40	46	67 26	63 40	53 20	44	66 25	74 35	78 41	64 47	51 24	49 27	46 35	61 37	53.3 27.5
OANVILLE	MAX	60	37	5 2 2 5	46	58	53	33	44	56 28	47 31	52 33	46	39 27	56 28	66 48	57	48	41 17	49	67 37	65 48	50	45 22	68 27	74 44	79 53	62 48	51 24	52 25	43 39	63 39	53.5 31.1
OEWEY OAM	MAX	64 36	39	51	48	5 7 2 4	56 24	47	46	60	49	57 31	57	38	56 32	69 56	70	50 20	44	45	70 17	70 33	58	47 16	70 16	78 26	82 33	69 37	63	5 7 3 2	5 2 3 2	60 33	57.4 27.4
OIX OAM	MAX	60	52	51	57 27	56 37	52	44	56	45	49	45	45	54 26	60 47	58	49	46 26	46 16	65	62	56 47	53	66 22	72 34	79 45	79 48	62 40	49	50 34	60 40	76 41	56.6 32.6
ELIZABETHTOWN	MIN	40	54	56	60	57 36	55	44	57 19	55	50	46	42	60	66	64	50 18	45 23	50 16	66	63	54 46	48	67 18	74 37	79 45	75 55	62	50 27	50 35	63 41	77 44	57.4 32.1
FALMOUTH	MAX	50	51	50	57	51	49	44	57	54	42	38	41	52	68	63	47	42 22	48 13	68	63	56 46	47 19	69 15	75 24	81	73 40	59 37	48	46 28	62 41	78 39	55.8 29.9
FARMERS	MIN	53	51	50	56	54	5.8	44	57	55	52	44	42	52	68	66	48	45 20	47 12	69	67 39	66 47	49	67 17	74 26	80	78 40	60 37	.49	49	63 41	76 36	57.7 29.9
FLEMINGSBURG 2	MAX	35	23 51	34 51	55	30 52	35 52	30	17	48	42	39	39	52	67	61	49	39	48	69	64	57	42	69 18	76 31	82	66 48	57 36	48	49	63	78 41	55.3 30.0
FOROS FERRY DAM 50	MIN	33	23 61	32 59	68	33 63	31 5 7	28	61	39 58	30 45	43	47	68	65	64	50		52	68	62	58	47	69	77	79	77	70	52	54	67 41	80 51	59.9
FRANKFORT LOCK 4	MIN	59	30	50	49	57	33 56	40	32 43	39 54	37 48	34 47		40	53	65	58	45	40	45	65	64	52	45 19	65 19	73 28	80	62	52	48	45 35	61	53.0
GLASGOW WKAY	MIN	33	23	23	60	25 58	38 56	31	22	21 54		48	48	62	67	50 61	53	46	5.2	65	61	53	46	68	74	81	74 51	62	54	51	61	77	58.0
GOLOEN PONO 8 N	MIN	33		32 60	23	42 62	33 56	47	20	60	53	36 52		69	66	66		46	59			61		70			78	75	55	54	69	81	62.2
GRAYSON 1 SE	MIN	22	23			46		26	22	43		34			52	32	19	25	20	25	45	45	25	19	30	45	58	43	30	39	34	40	33.0
	MIN		40	5.6	40	62	5.7	41	48	60	50	58	46	45	60	69			45	50	68	59		47			80		52	54	44		55.9
GREENSBURG	MAX	35	24		24	33	35	27	20	25	29		31	28	30	32		20	17	25	30	40 57		20		33 79	45 74	49 68	52		65	37 78	59.3
GREENVILLE 2 W	MIN	26	24	32	24	45	33	22	24	42	33		31	25	50		50	29	19		46	45	52	23		81	57 81	42 62	30	39 50	38 64	49 78	34.0
HE10ELBERG LOCK 14	MIN	34	22	32	21	24	35	29	15	35		30	27	26	30	47	18	20	12		28	43	20		26 75	32	38 74	40		26	40 65	31 78	27.9
HENOERSON 4 5W	MAX MIN	27	29	34	29	42	32	44	29	38	34	32	31	27	50	40	25	26	23		47	70	22	28	62	48		41	28		40	50	35.3
HICKMAN 1 E	MAM	28	28	35	28	34	34	25	32	35	36	39	32	26	28		50	22	30	34	37	48	30	30	31	40	49	67		35	40	40	33.6
HINOMAN SETTLEMENT SCH	MAP	N 35	28	30	22	24	27	٥ د	1 10	26	26	28	29	28		41	19	22	13		67 23		57	11	24	33	37	42	30	25	37	32	27.3
HOPKINSVILLE	MA) M18		5 50		25	50	33	24	25	30	34	37	21	25	29	41	52 23	26	25	30	36		53 24	26	71 31	78 40		74	31	34	49 38		58.2 32.0
INEZ	IAM IIM								14	33	3 30	34	2 8	3 29	26	35	53	17	11		23	41	52 22		71 23	79 24		61 24	1		33	24	59.3 25.0
IRVINGTON	MA:			51			31	. 26	24	3 5	3 3	3 33	3 2	7 26	5 54	38	24	24	18			44	45	21	75 37	81 50		64 41 63	28	46 36 45	66 42	79 48	57.1 33.7
LEITCHFIELD	MA. MI		0 57	7 50) 56 9 42			55			2 3 3	3 4:			60	26		7 21			45		26			71	30	27	37	40	46	34.3
											Sec	e Reler	ence l	Notes F	ollow	ng Stati	on Ind	dex											l				F

CONTINUED																Dave	011	(·)										_				HRCI	1959
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	lonth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ачегаде
LEXINGTON WE AIRPORT	MAX	37	L	46 31	56 27	55 36	51 31	42 27	54 24	47 32	40	41 30	38 27	54 24	64 45	58 29	45 22	40 22	46 17	66 31	62 45	1	42 19	65 27	73 41	78 50	63 54	55 30	47 24	43	61 40	74 44	53.2 31.5
LONOON FAA AIRPORT	MAX	38	51 25	46	59	53	50	44	58 19	46	55	50	35	55 29	64	59 25	49	42 25	48	63	66	54	47	68	74 32	79 45	60	58	51 27	44	59	76 37	54.9
LOUISVILLE	MAX	40	56 27	52 36	59	55	54	45	58	55 39	45	43	41	60	65	64	47 28	42 25	51 23	69	62	55 42	45	69	76 38	81	75 59	64	52	48	65	79	57.2 35.4
LOUISVILLE W8 AP	MAX	39	55	51 36	60 28	54	45	46	59 25	51 34	43	38	39	60	65 51	60	47	41 26	52 19	70	57 43	51	45	69	77	83 51	65 58	60	51 28	45 37	66	80 51	55.6 33.7
LOVELACEVILLE	MAX MIN	53	64 25	57 33	65 25	63 48	60 34	47	61 28	57 42	51 37	47 34	49	69 25	65 51	62	53 21	48 28	59 27	68	65 47	60 45	54 24	68 22	75 33	78 43	75 59	69 42	55 31	61 40	70 40	80	61.5
MADISONVILLE 1 SE	MAX MIN	46 27	59 25	58 35	61 24	58 46	56 34	46	61 26	57 41	48 32	45 34	47 31	66 25	66 52	64 41	52 23	46 28	55 18	67 29	65 46	60 44	48 23	68 21	75 35	79 44	77 56	74 44	55 30	51 34	65 37	78 49	59•8 34•2
MAMMOTH CAVE PARK	MAX MIN	52 31	55 18	55 30	62 20	58 40	56 30	45 25	59 17	56 41	54 27	52 34	44	64 24	66 48	61 40	53 19	44 27	53 15	65 25	64 42	55 46	49 20	68 17	75 29	79 42	78 56	67 38	54 25	50 30	64 34	78 42	59.2 31.0
MANCHESTER 4 SE	MAX MIN	62 34	51 22	50 32	59 21	51 25	58 37	46 29	58 17	50 31	56 27	53 30	52 29	55 27	66 42	62 46	52 19	48 20	50 14	68 17	70 31	62 16	55 23	70 18	76 29	82 34	78 39	60 46	52 29	51 28	62 40	79 33	59.5 28.5
MAYFIELO	MAX	50 24	61 28	58 34	64 29	62 49	54 33	47 35	60 30	57 43	54 39	48 34	46 28	68 29	66 52	63 40	52 24	47 30	57 29	67 37	66 48	58 45	52 28	66 26	73 41	75 49	75 57	70 42	58	57 39	69 41	80 44	60•6 36•7
MAYSVILLE DAM 33	MAX	60 32	40 24	50 24	50 24	54 24	55 34	44 31	42 19	55 19	47 32	40 32	37 27	40 27	50 31	68 47	63	45 22	36 14	46 10	67 20	60 34	51 21	43 17	67 18	74 27	79 36	62 41	55 24	47 25	50 30	62 40	52.9 26.8
MIOOLESBORO	MAX	62 36	55 21	52 33	60 21	58 28	52 37	49 29	56 18	55 32	59 26	58 28	48 30	58 25	64 47	61 49	54 23	51 26	52 17	64 19	70 32	65 46	53 28	69 20	73 31	79 35	78 48	59 49	5 S 3 O	55 31	63 38	76 34	60.1 31.2
MONTICELLO	MAX	59 35	52 21	50 32	59 25	56 33	55 35	45 26	59 19	52 40	58 28	53 31	51 29	59 28	66 48	58 44	51	48 23	50 17	67 26	63 43	55 47	48 24	69 19	73 31	79 38	73 53	61 42	55 28	52 37	60 40	76 41	58.5 32.4
MOUNT STERLING	MAX	55 34	53 27	48 34	55 27	51 35	52 33	42 29	54 24	53 40	52 32	42 31	40 31	51 26	65 41	61 42	47	42 27	45 16	66 28	64 42	60 46	46 20	65 23	72 38	79 47	74 51	58 36	48 23	47 33	60 40	74 43	55.5 33.0
MOUNT VERNON	MAX	60 33	51 23	47 32	58 25	53 32	55 33	45 26	58 18	56 40	54 29	51 33	40 26	55 29	66 47	62 44	48	41 24	43 15	68 19	64 48	51 40	47 20	68 18	74 30	80 42	66 56	58 24	57 30	46 34	62 39	77 43	56.8 31.4
MURRAY	MAX MIN	50 25	62 29	56 33	63 26	59 50	57 33	46 24	63 28	57 43	55 33	46 35	48 30	68 28	64 50	60 30	53 23	46 30	58 25	68 32	65 46	58 43	52 26	65 25	76 38	78 45	78 59	70 43	55 32	55 39	68 43	79 47	60 • 6 35 • 3
OWENSBORO 2 W	MAX MIN	45 27	58 28	52 34	62 28	56 44	50 32	45 28	58 28	54 44	48 35	45 35	45 32	65 28	63 45	60 35	43 26	46 27	53 23	66 32	62 46	56 40	51 24	68 26	71 36	79 47	71 56	66 42	55 30	49 39	65 40	78 47	57.6 35.0
PAOUCAH FAA AIRPORT	MAX	50 24	· 61	52 35	63 26	62 37	42 31	45 24	60 30	52 41	48 41	41 34	48 29	68 30	65 51	60 29	50 26	46 30	58 26	67 39	62 46	51 33	51 25	67 25	75 41	77 48	73 55	55 34	55 32	57 40	68 38	78 45	58.3 34.7
PAOUCAH	MAX	53 26	63 29	61 34	64 26	63 46	60 34	50 27	62 29	58 42	5.0 3.9	48 34	50 28	69 27	65 52	65 41	51 24	48 29	58 29	68 35	66 48	62 46	51 26	68 25	76 36	78 47	77 58	74 43	55 32	57 41	68 42	80 45	61.9 36.1
PIKEVILLE	MAX	55 37	51 25	47 35	60 28	55 29	55 42	45 34	61 20	48 38	56 30	58 38	52 31	56 31	70 34	70 50	54 27	49 26	51 20	73 22	72 30	66 47	52 28	72 22	79 31	84 37	65 48	61 40	55 35	51 29	61 41	81 38	60.2 33.0
PRINCETON	MAX	51 21		57 27	61 21	58 45	58 34	48	61 21	56 43	54 40	47 34	51 30	69 21	65 50	64 41	19	48 24	56 19	69 23	65 43	59 41	53 25	71 19	76 29	80 41	75 55	71 41	56 27	53 39	65 40	80 40	61.0
RICHMONO	MAX M1N	60	38 25	51 23	49 24	56 26	56 35	39 28	43 21	55 32	45 30	51 32	48 26	38 24	54 26	65 52	57	48 25	42 14	48	65 33	65 46	52 24	40 18	67 25	73 43	80 46	69 40	51 24	50 27	46 39	62 38	53.6 29.7
RUSSELLVILLE	MAX	46 31	60 23	55 32	61 25	57 44	55 32	48 23	61 23	57 35	56 31	45 33	49 29	66 26	71 47	62 42	56 21	45 27	55 22	67 29	59 45	56 44	50 24	68 21	78 33	80 45	68 56	66 40	54 30	47 39	63 37	80 49	59.4 33.5
ST JOHN BETHLEHEM ACAD	MAX	54 30	38 20	60 25	49 23	59 34	55 30	39 25	45 22	57 29	46 33	52 32	41 28	42 30	59 31	60 34	46 29	49 25	42 24	50 26	65 35	55 45	56 22	45 23	61 33	74 40	76 50	62 48	50 29	49 33	45 38	63 43	53.0 31.3
SCOTTSVILLE	MAX	44 34	56 23	54 32	62 28	60 42	55 34	47 25	59 24	58 42	57 31	50 37	47 30	56 28	68 45	61 44	55 23	48 30	54 24	67 24	57 31	53 30	48 24	68 23	76 38	79 50	73 57	63 45	55 30	54 41	64 37	79 37	58.9 33.6
SHELBYVILLE 2 W	MAX	43 32	52 21	49 33	57 25	55 37	53 31	43 27	55 22	54 41	44 31	40 33	38 27	56 22	64 44	64 40	45 22	43 23	47 14	66 29	62 38	56 45	47 18	67 21	74 35	80 44	76 53	61 38	50 25	49 35	64 41	75 48	55 • 8 32 • 1
SOMERSET 1 N	MAX M1N	47 35	50 21	48 32	57 23	54 35	55 32	45 26	56 19	51 38	57 28	52 34	49 28	57 28	64 43	58 40	50 21	43 26	49 15	64 22	61 42	54 42	46 22	67 19	72 30	78 40	64 47	59 35	49 25	46 36	59 37	75 43	56.0 31.1
SUMMER SHADE	MAX	61 32	·54 22	48 31.		57 39	53 33	45 25	58 22	52 30	54 30	49 34	44 29	61 25	67 42	58 24	60 21	44 25	52 21	66 27	57 37	52 47	56 23	68 28	74 37	78 45	64 54	60 38	54 28	58 32	63 34	72 43	57.7 31.7
VANCEBURG OAM 32	MAX MIN			50 36		54 28	55 31	28	55 21	40	32	39 33	25	30	68 35	43	46 26	25	16	66 24	30		21	21		f	_	60 38	25	53 32		77 40	55.7 31.1
WEST LIBERTY	MAX	62 35	37 20	51 22		57 24			45 16			53 33		37 26	53 31		63	49 21	40 12	48 16	68 22	67 35	55 23	46 15	68 20	75 31	81 38			50 27	47 31	61 34	55.0 26.5
WILLIAMSBURG 2	MAX																																
WILLIAMSTOWN 5 WSW	MAX	57 31	38 23	52 23	26		30	27	42 23		29	41 30	24	24		40	54 22	21	16	48 16	31	40	16	45 16	27	46	78 52	40	21	21	50 32	62 40	52•2 28•0
WOLF CREEK OAM	MAX		40 20		50 23	61 22	61 37	48 29	48 18	60 19		59 34		44 27	61 28		46 17	54 19	46 19	51 16	68 18	63 44		51 19			78 36			45 27	39	62 34	56.0 26.9

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BARDSTOWN SJ PREP SCH	SNOWFALL SN ON GND	Т					Т						, 2					Т														
BEAVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DENGAM	SNOWFALL SN ON GND		T	T T	2.0 T					T T			1.5	1.5			T	Т													Т	
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T T		Т	.2 T		.4				2.5	4.5 T	.3 4 .4	T 2 .4	Т	Т	Т	T														
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DANVILLE	SNOWFALL SN ON GND			, 5 1				T					T																			
EDDYVILLE LOCK F	SNOWFALL SN ON GND	-	-	-	~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- ~	-	-		-	-	-	- ~	-	-
FORDS FERRY DAM 50	SNOWFALL SN ON GND	-	~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- ~	-	-	-	-	-	-	-	-	-	-
HAZARD WATER WORKS	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HENDERSON 4 SW	SNOWFALL SN ON GND						Т					.5 T	Т																			
HOPKINSVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	Т		.2 T			.1 T	T			.1	Т	T	T				T														
MAYSVILLE DAM 33	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLESBORO	SNOWFALL SN ON GND				1.4									. 5 T																	Т	
MONTICELLO	SNOWFALL SN ON GND			.3																												
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND							T			1.0	3.0	1	T T				T														





Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data".

STATION INDEX

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OTHERON.	NO.	COUNTRY	AGE ‡	3QD	TUDE	NOLL	Т	IME TABI	AND				NO.		GE 1	UDE	TODE	NOL	T	IME AI TABLE	VD.	
STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP. SPECIAL			STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP. EVAP.	SPECIAL per norm	OBSERVER
ADDISON DAM 45 ADDIPHUS 1 N ALBANY 4 N ALLEN ANCHORAGE	0043	BRECKINRIDGE ALLEN CLINTON FLOYD JEFFERSON	7 3 2 1	37 55 36 39 36 45 37 35 38 16	86 34 86 16 85 08 82 43 85 33	380 600 1000 658 700	7P	6A 7A 7A 8A 7P	c	CORPS OF ENGINEERS IDELL N. OLARING MRS.BARBARA M. COOL NANNIE AUXIER C. E. BARRET		LIBERTY LITTLE HICKMAN LDCK 8 LOCKPORT LOCK 2 LOGLICK 1 S LONDON 3 W	4882	CASEY JESSAMINE HENRY CLARK LAUREL	3 4 4 A 2	37 21 37 45 38 26 37 51 37 08	84 55 84 35 84 58 84 02 84 08	777 560 485 773 1271		7A 7A 6A	c c	PALLIA F. HANKLA CORPS OF ENGINEERS CORPS OF ENGINEERS HUBERT BURGHER CITY OF LONDON
APEX 2 NE ASMLANO OAN 29 BARBOURVILLE BAROSTOWN S J PREP SCH BAXTER	0254	MUHLENBERG BOYO KNOX NELSON HARLAN	3; 7 2 8 2	37 08 38 27 36 52 37 A8 36 51	87 19 82 36 83 53 85 28 83 20	510 551 1000 631 1164	6P 6P 6P 7A	7A 7A 6P 6P 7A	c	SPENCER PROWSE CORPS OF ENGINEERS UNION COLLEGE ST+ JOSEPH PREP SCH C+ HOMER NOLAN		LONDON FAA AP LOUISA LOUISA 2 LOUISVILLE LOUISVILLE LOUISVILLE BOWMAN FLO	4943 49A6 A949	LAUREL LAWRENCE LAWRENCE JEFFERSON JEFFERSON	2 1 1 7 7	37 05 38 07 38 07 38 14 38 13	84 05 82 37 82 36 85 46	1191 582 583 464		8A 6P	C C	FEO. AVIATION AGENCY CHARLES F. BRANHAM MAROLO C. FERGUSON LOUISVILLE G + E CO CORPS OF ENGINEERS
BEAVER OAM BENHAM BENTON BENTON 2 BEREA COLLEGE	0595 0611	OHIO HARLAN MARSHALL NARSHALL MAOISON	3 2 9 9	37 25 36 58 36 51 36 51 37 3A	86 52 82 57 88 20 88 20 84 18	AA1 1585 395 305 1070	6P 8A 5P 6P	6P 8A 5P 6P	c	JAMES HO MILLER RADIO STATION WCBL		# LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS MADISONVILLE 1 SE	4954 4955 4967 5002 5067	JEFFERSON JEFFERSON BALLARO BARREN HOPKINS	7 7 6 3	38 11 38 17 36 58 36 53 37 19	85 44 85 48 88 50 86 02 87 29	474 403 376 734 439	MID 6P 5P	HIO 6A 6P 7A 7	C H	U.S. WEATHER BUREAU CORPS OF ENGINEERS BLAINE MALONE WILLARO E. FOSTER HOMER WELBORN, JR.
BEREA WATER WORKS BLAINE BLEDSOE 2 SSE BONNIEVILLE BOWLING GREEN	0752 0770 0854	MADISON LAWRENCE HARLAN HART WARREN	4 1 A 3	37 33 38 02 36 54 37 23 37 00	84 15 82 50 83 20 85 54 86 26	1010 670 1870 702 536	6P 6P	7A 6P 7A 6P 7A		MRS. LAURA B.GABBARO A. ENOCH WHEELER MRS VIRGINIA NOLAN HAROLO WALTERS JAMES R. EOWARDS		MANMOTH CAVE PARK MANCHESTER 4 SE MAYFIELO MAYSVILLE OAM 33 MC KEE	5097	EOMONSON CLAY GRAVES NASON JACKSON	3 4 6 7 2	37 11 37 06 36 44 38 38 37 26	86 06 83 43 88 39 83 42 84 00	800 850 364 515	5P 6P 6P	5P. 7A. 7A. 7A. 7A.	СН	NATIONAL PARK SVC NORA S. WHITE MAYFIELD ELEC + WTR CORPS OF ENGINEERS MRS.WINNIE W. MORAN
BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENT DAM 36 BROWNSVILLE LOCK 6 BUROINE 2 NE	0907 0909 0978 1046 1120	WARREN WARREN CAMPBELL EOMONSON PIKE	3 7 3	37 01 36 58 39 03 37 12 37 13	86 26 86 26 84 25 86 16 82 35	470 535 497 410 1643	MI O	5A MIO 7A 7A 8A	c	TVA-639 FED. AVIATION AGENCY CORPS OF ENGINEERS ELDRIDGE SKAGGS EDWIN E. JOHNSON		MC KINNEYSBURG META MIDOLESBORO MIDOLESBORO SEWAGE PL MIDWAY	5301 5370 5389 5394	PENOLETON PIKE BELL BELL WOODFORD	5 1 2 2 4	38 36 37 34 36 37 36 38 38 09	84 16 82 27 83 43 83 43 84 41	662 730	5ρ	7A	C C H	RICHARO T. SYONOR CHARLES MURRAY LON L. HERRELL CITY OF MIOULESBORO CITY OF MIOWAY
BURKESVILLE CAGIZ LOCK E CALHOUN LOCK Z CAMPBELLSVILLE CANEYVILLE	1127	CUNBERLAND TRIGG MC LEAN TAYLOR GRAYSON	2 2 3 3 3	36 47 36 46 37 32 37 20 37 25	85 22 87 58 87 16 85 21 86 30	600 424 402 771 600	6P	7A 7A 7A 6P 7A	c	MARVIN M. LEE CORPS OF ENGINEERS CDRPS OF ENGINEERS		MILLERSBURG MILLERSTOWN MONTICELLO MOREHEAD STATE COLLEGE MOUNT STERLING	5430	BOURBON GRAYSON WAYNE ROWAN MONTGOMERY	5 3 2 5 5	38 18 37 27 36 50 38 11 38 04	84 09 86 03 84 50 83 26	960 770	6P	7A 7A 5P	C H	OAVID C. BAILEY OVA M. LAWLER ALVIN L. BERTRAM INACTIVE 9/57 FRED CARTMILL
CARROLLTON LOCK 1 CLAY CITY 1 WNW CLERMONT 1 SSE CLINTON COBB	1345	CARROLL POWELL BULLITT HICKMAN CALOWELL	4 8 6 2		85 11 83 56 85 40 89 00 87 47	480 712 474 390 490	6P 5P	6A 7A 5P	c	CORPS OF ENGINEERS JOEL W. MOUNT2 BERNHEIM FOUNDATION WOODSDN O. FRANKLIN NRS BENNIE B. WHITE		MOUNT VERNON MUNFOROVILLE 1 N MURRAY OLIVE HILL DLNEY	5648 5684 5694 6012	ROCKCASTLE HART CALLOWAY CARTER HOPKINS	2 3 9 7 7	37 21 37 16 36 36 38 18 37 14	83 56 84 20 85 53 88 20 83 11 87 47	1137	5P 6P	5P 7A 6P	СН	CITY OF MT. VERNON EGWARD A. RICHAROSON NURRAY STATE COLLEGE EARL R. MADDIX MELVIE PARLEE NEIS2
COLLEGE HILL LOCK 11 CDVINGTON WB AIRPORT CUMBERLAND FALLS ST PK CYNTHIANA CYNTHIANA 2	1704 1855 1969 1998	ESTILL BOONE WHITLEY HARRISON HARRISON	7 3 5 5	37 47 39 04 36 50 38 23 38 23	84 06 84 40 84 19 84 18 84 17	611 869 1070 684 719	M10	7A M10 5P 7A 8A	C	CORPS OF ENGINEERS U.S. WEATHER BUREAU KY DEPT OF CONS.		ONE I OA ONEONTA OAN 35 OWENSBORO 2 W OWENSBORO OAN 46 PAOUCAH FAA AIRPDRT	6028 6033 6091	CLAY CAMPBELL OAVIESS OAVIESS MC CRACKEN	4 7 7 7 7	37 16 38 58 37 46 37 47 37 04	83 39 84 18 87 09 87 08 88 46	75 0 512 42 0		7A 7A	СН	MRS+ ANNA L+ BROWN CORPS OF ENGINEERS VIRGIL D+ CLARK CORPS OF ENGINEERS FEO+ AVIATION AGENCY
OANVILLE OAVELLA OELPHIA 1 E OEMA OEWEY DAM	2139	BOYLE MARTIN PERRY KNOTT FLOYO	4 1 4 1	37 39 37 48 37 02 37 25 37 45	84 46 82 32 83 07 82 48 82 47	955 718 1647 850 653	7A	7A 8A 7A	C C 7A C	R. P. COLDIRON MRS. EVA N. DAVIS BALLARO F. WALKER-JR HATTIE B. BARNLY CORPS OF ENGINEERS		PADUCAH PADUCAM SEWAGE PLANT PAINTSVILLE PIKEVILLE PINEVILLE		MC CRACKEN MC CRACKEN JOHNSON PIKE BELL	7 7 1 1 2	37 06 37 06 37 49 37 29 36 45	88 37 88 36 82 48 82 31 83 42	340 325 620 686	5P	5P 7A 8P 7A	C H	WESTERN P. LACKEY CITY OF PAOUCAH JESSE FAIRCHILO U.SS. WEATHER BUREAU FOLEY PARTIN
DI# DAM OUNGE BARRETTS FORD BR DUNMOR DYER EOOYVILLE LOCK F	2358 2366 2391	MERCER OHID MUHLENBERG BRECKENRIDGE LYON	3 3 3 2	37 48 37 33 37 05 37 43 37 03	84 43 86 43 87 00 86 13 88 05	870 440 592 793 420	40	7A 7A 7A	7A C	PHILLIP O. THACKER JESSE L. MUFF N. D. GIVENS LENA BLAIR CORPS OF ENGINEERS		PRINCETON RAVENNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE	6575 6679 6805 6882	CALOWELL ESTILL MADISON OHIO LOGAN	2 4 3 3	37 06 37 40 37 A4 37 13 36 51	87 53 83 57 8A 18 86 54 86 53	529 634 1085 401 590	5P 8A 6P	5P 7A 8A 7A 7A	н	ALTON M. HARVILL CORPS DF ENGINEERS THOMAS C. HERNOON CORPS OF ENGINEERS WM. B. PORTER
EOMONTON ELIZABETHTOWN ELKHORN CITY ELKTON 2 S FALMOUTH	1 2548	METCALFE HAROIN PIKE TOOO PENDLETON	3 3 1 2	37 00 37 41 37 18 36 47 38 40	85 37 85 52 82 21 87 10 84 20	865 739 800 520 560	6P	7A 6P 7A 7A 7A	c	JOHN E. MORAN RADIO STATION WIEL EDMOND O. BENNETT S. RICHARO ANDERSON FRANK H. LAWSON		RUSSELLVILLE SUBSTA SAOIEVILLE ST JOHN BETHLEHEM ACAO ST. MARY SALVISA LOCK 6	7054 7074 7091 7096 7121	LOGAN SCOTT HAROIN NARION WOODFORD	3 4 8 8	36 50 38 23 37 42 37 35 37 56	86 54 84 33 85 59 85 21 84 49	576 791 777		7A 7A 6A	c	TVA-683 LAWRENCE ROGERS SISTER MARY B. BUTZ JOHN B. BAUER CORPS OF ENGINEERS
FARMERS FLEMINGSBURG FLEMINGSBURG 2 FORO LOCK 10 FOROS FERRY OAM 50	2903	ROWAN FLEMING FLEMING MAOISON CRITTENOEN	5 5 5 4	38 09 38 25 38 25 37 54 37 28	83 33 83 43 83 45 84 16 88 06	668 870 911 660 356	4P 6P	7A 7A MIO 6A 6A	c	MRS. C. C. STAMPER NRS. JEAN FLEMING WILLIAM H. FISCHER CORPS OF ENGINEERS CORPS OF ENGINEERS		SALYERSVILLE SALYERSVILLE 2 SE SCOTTSVILLE SEBREE SHAWNEE STEAN PLANT	7129 7134 7215 7234 7311	MAGOFFIN MAGOFFIN ALLEN WEBSTER NC CRACKEN	5 5 3 7	37 45 37 44 36 45 37 36 37 09	83 05 83 03 86 12 87 32 88 47	859 920 770 346 345	. 5P	7A 5P 7A 7A	c	STANLEY GARONER FORREST C+ WILLIS NOBLE ALLEN GILBERT I+ ASMBY TVA-709
FRANKFORT LOCK 4 FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL	3036 3046 3052	FRANKLIN SIMPSON PIKE MENIFEE NONROE	4 3 1 5 3	38 14 36 43 37 33 37 57 36 38	84 52 86 34 82 10 83 39 85 48	504 690 730 864 860	6A	6A 7A 8A 7A 7A		CORPS OF ENGINEERS MRS KATIE O. NEAL MRS ALTA S. GOOSLIN JAMES A. LEVERIOGE E. GUY OECKARO	}	SHELBYVILLE 2 W SHEPHEROSVILLE SMITHFIELD 4 S SOMERSET SOMERSET 1 N	7324 7334 7473 7508 7510	SHELBY BULLITT SHELBY PULASKI PULASKI	8 8 2 2	38 13 38 00 38 20 37 06 37 07	85 16 85 44 85 16 84 37 84 37	825 446 862 1050		7A 7A	C C H	MRS. WILLIE S. RATTA OVIO K. NAGRUOER F. W. SIMPSON CORPS OF ENGINEERS RADIO STA WSFC
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENOALE 1 E	3203 3241 3246	SCOTT HENRY BARREN BARREN HARDIN	4 3 3 3	36 12 38 25 37 00 37 00 37 36	84 33 84 53 85 55 85 55 85 54	888 490 780 808 710	6P	8A 7A 7A 6P 7A	C I	WILLIAM F.BRAMBLETT CORPS OF ENGINEERS EMILY M. dEAM RAOIO STATION WKAY OEWEY S. HILL		SPRINGFIELO STEARNS SUMMER SHAOE SUNMER SHAOE SUBSTA TATHAN SPRINGS	7604 7677 7800 7805	WASHINGTON MC CREARY METCALFE METCALFE WASHINGTON	8 2 3 3 8	37 41 36 43 36 53 36 53 37 52	85 14 84 29 85 43 85 40 85 09	738 1420 864 		7A 7A 6P 7A	СН	WM+ H. GOATLEY MRS. GLADYS M. GRIFFIT CHAS. H. MC MURTREY TVA-684 R. C. DEDHAN
GOLOEN POND B N GRANT DAN 3B GREENSBURG GREENSBURG HIWAY 61 BR GREENUP DAM 3O	3358 3430 3435	TRIGG BOONE GREEN GREEN GREENUP	2 7 3 3 7	36 54 36 59 37 15 37 15 38 37	86 00 84 50 85 30 85 30 82 51	3 93 503 630 5 90 5 3 8	4P 7A	4P 7A 7A 8A 7A		FISH + WLOLF REFUGE CORPS OF ENGINEERS HOWARO PICKETT ROBERT E-BLAKENAN.JR CORP OF ENGINEERS		TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN 0AM 49		SPENCER MONROE TRIGG ANOERSON UNION	8 3 9 4 7	38 02 36 42 36 45 38 02 37 46	85 21 85 41 88 05 84 51 87 57	463 920 390 524 356		7A 7A 7A 6A	С	MRS. KATHRYN B. CARR STANLEY HURO TVA-680 CORPS OF ENGINEERS CORPS OF ENGINEERS
GREENVILLE 2 W MALEYS MILL HARTFORD 6 NW HAZARD HAZARD HATER WORKS	3539 3652 3709	MUHLENBERG CHRISTIAN OHIO PERRY PERRY	3 3 4 4	37 12 37 03 37 32 37 15 37 15	87 12 87 20 86 54 83 12 83 11	519 740 429 869 880	5P	5P 8A 7A	c c	C. R. LOVELL CLEATUS E. BRINKLEY OAVIO K. CARSON H. A. BAILEY LEE J. HOGSTON		VALLEY VIEW LOCK 9 VANBUREN VANCEBURG DAM 32 WAYNESBURG 7 NE WEST LIBERTY	8246 8250 8259 8486 8551	JESSAMINE ANDERSON LEWIS LINCOLN MORGAN	8 7 2 5	37 51 37 58 38 39 37 25 37 55	84 26 85 10 83 21 84 36 83 15	571 558 525 1215 852	6P 8A	7A 7A 7A 7A 8A		CORPS OF ENGINEERS EOWARO B. STEVENS CORPS OF ENGINEERS MRS. RITA RIODER MRS. ELIZABETH BROWN
HEIDELBERG LOCK 14 HENGERSON 4 SW HERNDON HICKMAN 1 E HICKSVILLE	3741 3762 3798 3816 3821	LEE HENOERSON CHRISTIAN FULTON GRAVES	4 7 2 6 9	37 33 37 47 36 44 36 34 36 48	83 46 87 37 87 34 89 10 88 30	663 382 512	5P 6P 7A	6A 6P 7A 7A	c	CORPS OF ENGINEERS FRANK STREET C+ W+ KEATTS MRS+ NELL S+ CALVIN TVA-679		WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK OAM WOODBURY LOCK 4	8709 8714 8724 8807	WHITLEY GRANT LEE RUSSELL BUTLER	2 4 4 2 3	36 44 38 38 37 36 36 52 37 11	84 10 84 38 83 50 85 09 86 36	1010 914 649 585 504	8A 7A 8A	6A 7A 6A 8A 8A	H C C	ESTIL M. HEAOOWS HENRY NORTHCUTT CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS
HIGH BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH HOOGENVILLE NAT PARK HOPKINSVILLE HYOEN	3899 3929	JESSAMINE KNOTT LARUE CHRISTIAN LESLIE	4 4 3 2 4	37 49 37 20 37 32 36 51 37 10	84 43 82 59 85 44 87 30 83 23	544 1080 788 540	6A 7A	6A 8A 7A 7A	c	CORPS OF ENGINEERS HINOMAN SETT. SCH. NATIONAL PARK SOC NEWELL F. SMITH MRS. FERN F. ELAM	-	NEW STATIONS GRAYSON 1 SE PUBLICATION ENGED	3392	CARTER	7	36 19	82 56	900	6A	6A		ALBERT G. SWANAGAN
INEZ IRVINGTON JACKSON JEREMIAM KEENE 1 NNE	4165	MARTIN BRECKINRIDGE BREATHITT LETCHER JESSAMINE	1 11	37 52 37 53 37 33 37 10 37 57	82 32 86 17 83 23 82 56 84 38	638 6A6 795 1150 941	6P 7P	6P 7P 7A 5P 7A	1	UNITED FUEL GAS CO		GRAYSON	3391	CARTER	7	38 19	82 57	589	79	7A	н	EFFECTIVE 3/59
KENTUCKY OAM LA GRANGE I SW LANCASTER LEITCHFIELD LEXINGTON WB AIRPORT	4595 4620 4703	LIVINGSTON OLOHAM GARRARO GRAYSON FAYETTE	9 7 4 3 4	37 01 38 24 37 37 37 29 38 02	88 16 85 24 84 35 86 18 84 36	362 674 1032 642 979	6P MIO	5A 6A 8A	CH	TVA-379-A ALBERT V. HAROIN KENTUCKY UTIL CD CLYOE STIKELEATHER U.S. WEATHER BUREAU												

\$ 1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT, 9-TENNESSEE

See Page 30 for Reference Notes

51.05 INKE

U. S. DEPARTMENT OF COMMERCE

LEWIS L. STRAUSS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

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APRIL 1959 Volume LIV No. 4



KENTUCKY - APRIL 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 90° on the 8+ at Pikeville

Lowest Temperature: 25° on the 14th at Princeton

Greatest Total Precipitation: 5.41 inches at Freeburn

Least Total Precipitation: 0.91 inch at Eddyville Lock F

Greatest One-Day Precipitation: 1.46 inches on the 10th at Gamaliel

Greatest Reported Total Snowfall: 5.0 inches at West Liberty

Greatest Reported Depth of Snow on Ground: 2 inches on the 13+ at

Flemingsburg

SPECIAL WEATHER SUMMARY

The effect of two consecutive months of deficient precipitation was of considerable concern to Kentucky farmers by the end of April. All sections of the state received well below normal precipitation during the month of March with a similar shortage of precipitation persisting through April in the Western Section, in all but the southern fringe of the Central Section, and in all but the southern portion of the Blue Grass Section. The April dry area covered virtually all of Kentucky north and west of a line from Ashland through Berea to Tomkinsville. The Eastern Division was dry through March, however, most of this division recorded April precipitation near to slightly above the long term April expectancy. Accumulated precipitation deficiencies for the March-April period averaged 5.65 inches below normal for the Western Division, 4.38 inches below normal for the Central Division, 3.61 inches below normal over the Bluegrass Division and 1.40 inches below normal

over the Eastern Division. Greatest deficiencies were in the Western Division where several stations recorded total precipitation of less than three inches for the March-April period. Paducah total precipitation for the two months was only 2.49 inches, or 7.17 inches below their expectancy for the same period.

Ground preparation for Spring seedings advanced rapidly during the month and was ahead of normal averages by the close of April. Reduced soil moisture slowed normal vegetative growth in Western and Central Sections with strawberries and tobacco plant beds affected during critical periods in their growth cycle. Many farmers in western and northern Kentucky were watering tobacco plant beds to keep the young plants growing during the last part of April.

O. K. Anderson State Climatologist U. S. Weather Bureau Louisville, Kentucky

KENTUCKY APRIL 1959

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										2	No.	0 01 1	Min				£		Mil	in Local			2
Station		A.ersge Waxman	*	A.e. 36	Separate from Long	X September 2	020	Lover	(7) 9	Deg ee San	3	D 828	*5.04	2	,î	Contra Co	58,85.10	220	,6	Wes Per	Dave	L or Wo	5. 0 46
WESTERN																							
BEAVER OAM BENTON 2 FOROS FERRY OAM 50 GOLDEN PONO 8 N GREENVILLE 2 W		70.9M 70.7 71.1 70.2	46.1M 47.3 45.4 47.3	58.5M 59.0 58.3 58.8	1.7	85	30+ 30 30+ 30	29 34 26 30	23	198 220 215	0	0	0 3	0	3.04	- 3.21 - 2.39	.36 .93 .40	2 9 1	•0	0 0		6 8	0 2 0
HENDERSON 4 SW 1ICKMAN 1 E 1OPKINSVILLE OVELACEVILLE 1ADISONVILLE 1 SE	AM AM	70.3 68.1 70.0 71.5 70.7	47.2 45.8 45.5 46.7 47.7	58.8 57.0 57.8 59.1 59.2	1.9 .1 .7		30 30 9+ 30 30	31	14 14 14	213 252 234 202 198	00000	0 0	1 4	0 0 0 0	I • 21 2 • 96 2 • 49 1 • 46 1 • 07	- 3.29 - 1.68 - 3.01	.39 1.25 .78 .50	28 20 28 9 2	•0	0 0 0		4 5 5 3	0 2 2 I 0
MAYFIELO MURRAY WENSBORO 2 W PAQUCAH FAA A1RPORT PADUCAH		70.0 70.1 70.5 68.8 72.2	48.3 47.5 46.5 46.5 48.0	59.2 58.8 58.5 57.7 60.1	2.0	86 87 86 88	30 30 30 30 30	31 33 33	14 14 14 14 14	199 203 208 241 182	0 0 0	0 0	0 0	00000	1.39	- 1.61 - 2.73 - 2.98	.95 .84 .55 .40	20 20 2 8 1	.0	0 0 0 0		5 6 5 5 5	2 2 1 0 1
PRINCETON RUSSELLVILLE		71.5 71.5	45.0 44.8	58.3 58.2	.4 .9	87 87	30+ 7		14 14	219 230	0			0	1.39	- 2.72 59	•46 •82	28	•0	0		5	
DIVISION				58.6	• 9										1.89	- 2.30			•0				
CENTRAL ANCHORAGE BAROSTOWN S J PREP SCH BONNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		68.9 70.8 69.7 68.8 69.8	43.2 46.2 43.8 44.7 46.2	56.1 58.5 56.8 56.8 58.0	1.8	85 85 84 84	7 30 30+ 30+ 7	30 27 31	14 23 14 14 23+	276 221 258 254 226	0 0 0 0	0 0 0 0	2 4 2	00000	1.20 2.22 2.99 3.60 3.15	- 2.89	.47 .52 .65 1.08	18 12 9 9	T .0 .0 .0 .0 T	0 0 0 0		6 9 6 8	1 4
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АН	71.0M 69.9M 69.3 68.7 70.0	43.9M 42.9 45.1 43.9 45.9	57.5M 56.4M 57.2 56.3 58.0	3 1.4	85 82 82 85 85	30 30 30+ 8 30+	29 28 27 29 30	15 14 14	242 263 246 279 237	0 0 0 0	0 0 0 0		0 0 0 0	1.99 1.54 3.18 3.29 1.37	- •53 - 2•65	.47 .46 .88 .94	18 3 9 10 1	.0 .0 .0	0 0 0 0		6 4 8 8	2
LEITCHFIELO LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAO	R AM	69.7 72.0 70.4 69.5 67.1	47.2 48.6 47.0 44.2 43.1	58.5 60.3 58.7 56.9 55.1	1.7 2.7 4	85 88 87 84	7 30 7 7 8	35 37 34 28 32	12 23	216 183 222 258 301	0 0 0 0	0 0 0	0 0 0 4 1	0 0 0 0	1.44 1.48 1.68 3.04 1.81	- 2.75 - 2.33 - 2.53	•52 •60 •57 •83 •58	2 1 18 9 2	•0 •0 •0	0 0 0 0		6 4 5 10 5	1
SCOTTSVILLE SUMMER SHAOE WOLF CREEK OAM	АМ	70.4 69.2 69.4	47.4 43.0 39.2	58.9 56.1 54.3		84 84 85	30+ 7 8	30 · 27 26	14 14 14	206 272 328	0	0	2 4 8	0 0 0	2.98 3.37 4.04		.84 1.37 1.28	9 9 10	* 0 T * 0	0 0		5 9 10	1
01V1S10N				57.2	.7										2.47	- 1.59			Т				
BLUE GRASS BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT CYNTHIANA 2	R AM	71.5 70.0 66.2 66.5	45.5 44.0 44.9 41.5	58.5 57.0 55.6 54.0	1.7	85 83 80 83	8+ 25+ 7+ 9	29 34 27	23+ 23 23+ 23	219 256 292 331	0	0 0 0	2 2 0 5	0 0 0	3 · 94 · 99 2 · 33 2 · 82	- 13 - 2.76 - 1.26	.99 .35 .96	9 2 27 2	.0 .6 1.1	0 0 0		10 5 4 8 7	2 2
OANVILLE OIX OAM FALMOUTH FARMERS FLEMINGSBURG 2	АМ	70.1 70.1 70.9 68.8	45.6 41.0 41.9 42.5	56.0 57.9 55.6 56.4 55.7	1.2	84	8 30 8+ 2+ 8+	33 28 27 30	23+ 23+ 14 14	281 229 287 268 285	0	0 0 0 0	0 7 6 6	0 0 0 0	3.66 2.79 2.34 3.34 3.51	- •56	.93 .83 .93	10 2 10 2	.3 T	0 0 0		7 6 10 9	
FRANKFORT LOCK 4 LEXINGTON WB AIRPORT MAYSVILLE OAM 33 MOUNT STERLING RICHMONO SHELBYVILLE 2 W	R AM AM	66.6 66.1 67.3 69.3 66.8 69.3	41.6 45.4 40.5 44.7 43.0 43.8	54.1 55.8 53.9 57.0 54.9 56.6	1.3	81 84 83 83	8+ 9+ 8+ 8	33 31 32 30	14+ 23+ 13 23 23+	332 284 336 247 308 267	0 0 0	0 0 0 0 0	0 5 1 3 3	0 0 0 0 0	2.25 2.99 3.18 3.30 3.21 1.64	77 66 80	.52 .81 .79 .98 1.27	2 9 28 9 10 2	.4 T	0 T 0 0	13		3
WILLIAMSTOWN 5 WSW	AM	66.2	41.9	54.1	- 1.0	82	8	30	24	332	0	0	4	0	1.79	- 2.23	• 69	2	Т	Т	12	6	5
OIVISION				55.8	.5										2.76	- 1.13			• 2				
EASTERN ASHLANO OAM 29 BARBOURVILLE BAXTER BENNAM BLAINE	AM AM	69.6 72.1M 68.3 68.2 70.7	44.1 42.1M 39.7 39.9 39.7	56.9 57.1M 54.0 54.1 55.2	.7	87 85 84 85 87		27 29 28	16+ 14 15+ 24+ 15	245 260 331 335 290	0 0	00000	10	0 0 0 0	3.53 5.22 3.75 4.89 4.78	•11	.95 .97 .75 1.40	10 12 13 13	T T 1.0 2.0	0 0 T 1	14	12 12 11 10	
OEWEY OAM GRAYSON 1 SE HEIOELBERG LOCK 14 HINOMAN SETTLEMENT SCH	AM AM R AM	71.7 68.8	39.1 40.3 40.8	53.9 56.0 54.8		87 85 88	9+		14 15+	334 276 309	0	0	9 9 8	0	4.17 4.24 4.56	•76	•75 1•23 •79	12 10 12	1.0	0 0		11	
INEZ LONGON FAA AIRPORT MANCHESTER 4 SE M100LESBORO MONTICELLO MOUNT VERNON		72.1 67.4 72.4 71.8 69.6 69.2	39.7 42.0 42.8 43.8 44.1 43.8	55.9 54.7 57.6 57.8 56.9 56.5		89 83 88 83 83 84	8+ 30 30+ 7	28 29 28 29	14 15+ 15 23+ 23+	275 311 235 237 257 269	0 0 0 0	0 0 0 0 0	7 6 6 6 4 4	0 0 0 0 0	4.48 4.19 4.84 3.96 4.73 4.92		1.30 1.09 .73 .74 .92 1.25	10 10 19 10 9	.0 T T .0	0 0 0 T 0	14	8 11 8 9	

See Reference Notes Following Station Index

KENTUCKY APRIL 1959

CONTINUED																					А	PKI	_ 19	129
					Теп	perat	ure											Precip	noitation					
												No. of	Oays						Sno	ow, Sleet		N	lo. of I	Days
Station		Ачегаде	Average	Average	Oepatture From Long Term Means	Highest	Oate	Lowest	Oate	Degree Days	9 6	32° or xe Below	32° or Below	* 3	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Oare	.10 or More	.50 or More	1.00 or More
PIKEVILLE SOMERSET 1 N VANCEBURG OAM 32 WEST LIBERTY WILLIAMSBURG 2 OIVISION	AM AM	73.2 68.3 69.5 67.5 70.5	45.2 43.2 43.2 40.4 42.2	59.2 55.8 56.4 54.0 56.4	- 1.I 6	90 83 85 85 87	8+ 7 8+ 9+ 9	30 31	15+	195 281 262 335 266	2 0 0 0 0	00000	6 1 7	00000	4.76 3.92 3.45 3.66 4.65	1.39 26 .98		19 9 10 10 11	T T • 0 5• 0 • 0	0 0 0 1 0	12	11 9 9 9	4 5 3 1 5	0

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	rages -		Numl	per of d	ays with	precipi	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON WB AIRPORT	SSW	20	11.8	35	WsW	28+	62	70	47	50	7	6	2	2	0	0	17	-	7.7
LEXINGTON WB AIRPORT	s	18	13.1	-	-	-	71	75	55	57	1	8	4	2	0	0	15	-	6.8
LOUIS VILLE WB AIRPORT	SW	12	12.0	40	SW	28	66	74	47	47	8	5	4	1	0	0	18	58	6.7

Station	1 2 3 4 5 8	101010	10 10 10 10	25 20 27 28 29 30
DISON DAM 95 OLPHUS I N BANY 9 N LEN ICHORAGE	1.17 .49 1 .01 3.22 .19 .10 .10 4.99 .71 T	**************************************	*17 :13 *06 *01 *01 *07 *07 *07 *10 *70 *07 *12 *57 *17 *07 *01 *10 *72 *46	7 .05 .05 .07 .07 .01
PEX 2 NE HLAND DAM 29 HROURVIILE ROSTOWN 5 J PR P SCH LYTER	1.80	.24 000 11 002 T 04 44 1 1 10 14 10 10 10 11 11 11 11 11 11 11 11 11 11 1	111 = 1.02 + 26 + 06 10 + 0.04 + 0.04 138 + 270 + 25 + 25 + 10	.60 .03 .7 .11 .09 .05
AVER DAM NHAM NTON 2 REA COLLIGE REA WATER WORKS	1.27	**************************************	18 -57 -11 -30 -16 108 -35 -17 T -11 -41 T -1 -07 -20 +08	.04 .02 .01 .19 .18 .21 .06
AINE EDSOF 2 SSE NNIEVILLE WLING GREEN WLING GREEN SURSTA	4.78 RECORD HISSING 2.99 .26 .20 3.01 .48 T	26 1 16 40 94 30 02 65 02 45 07 05 67 38 05 15 62 26 12 02	20 45 14 T T .03 18 T T .35 T	T .10 .45 .57 .19 .60 .04
WLING GREEN FAA AP ENT DAH 36 OWNSVILLE LOCK 6 RROINE 2 NE IRKESVILLE	7.60 .69 T 1.69 .53 .01 .02 2.94 .52 T 4.62 .36 .65 4.18 .63 T .21	**************************************	T 07 .15 T 08 .30 T .32 .64 .10 .68 .12 T	779 -01 -02 -66 -04 -40 -29 -12
AOIZ LOCK E ALMOUN LOCK 2 AMPBELLSVILLE ARCYVILLE ARROLLTON LOCK 1	1.71	*16 *10 *3* *01 *22 *01 *20 *02 *93 *30 T *33 *09 *18 *17 *21 T *01 T *10 *05	.21 .01 .06 .61 .25 .15 .02 .27 .16 .12 .02 .10 .03 T	T .04 .26 .20 .19 .09
LAY CITY 1 WNW LERMONT 1 SSE 088 OLLEGE HILL LOCK 11 OVINGTON WS AIRPORT R	3.40	**Os* 1 * 30 * s15 * s27 * s08 * s09 * s21 * s05 * s09 * s40 * s15 * s29 * s03 * s99 * s14 * s05 * s33 * s10 * s06 * T s06 *	.47 .06 .05 .17 .17 .02 T .00 T .20 T	.01 .29 .48 .10 .06 .12 .03 .01
UMBERLANO FALLS ST PK YNTHJANA YNTHJANA 2 ANVILLE ELPHJA 1 E	5.21	**OA **O5 **O5 1**O2 **I1 **O3 **O5 **O5 **O5 **O5 **O5 **O5 **O5	*20 *30 *36 *17 *26 *06 *01 *26 *07 *27 *34 *0 *58 *12 *42 *48 *07 *27 *27 *27 *27 *27 *27 *27 *27 *27 *2	T .43 *15 *36 *12 *10 *08 *18 *08
EWEY OAM ILX OAM UNDEE BARRETTS FORO BR UNMOR OOYVILLE LOCK F	4.17 .56 .02 .23 .01 .77 .02 .23 .01 .	*** *** *** *** *** *** *** *** *** **	**22 ***9 **20 **20 **20 **36 **11 **36 **12 **12 **12 **12 **12 **12 **12 **1	**************************************
OMONTON LIZABETHTOWN LIKMORN CITY LKTON 2 S ALMOUTH	3.50 1.54 A.95 2.55 2.34 3.2 T 0.02	*10 1210 *10 *40 *10 1 T	*10	T .07 .20 .36 .78 .38 T
FARHERS PLEMINGSBURG PLEHINGSBURG 2 FORO LOCK 10 FOROS FERRY 0AH 50	3.34 .41 T .10 3.78 .85 .05 3.51 .80 .04 2.66 .29 T	*** **********************************	11 • 74 • 04 • 12 • 14 • 18 • 01 • 13 • 15 • 25 • 03 T • 07 T	*32 *90 *58 1 *16 *18 *24 *24 *08
FRANKFORT LOCK * FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL	2.25 2.92 5.41 RECORO MISSING .18	10 336 28 19 T 485 386 66 427 T 1446 423 440 03 402	.02 .34 .08 T .42 T .32 .62 .03 .11 .90 .08 .01	35 .27 .13 .11 T .22 .56
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW WKAY GLASGOW WKAY GLENOALE 1 E	2.50 .62 2.02 .76 2.78 .14 .05 3.18 .23 .15 .05 2.06 .77 .04	*69	*39 *06 *42 *01 *10 *45 *45 *11 * *41 *02	.05 .08 .73
GOLOEN PONO 8 N GRANT OAM 38 GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 BR	3.04 .92 .06 T 2.14 .936 T .06 RECORO MISSING T .06 3.29 .40 T	.93 T .08 +08 .15 .94 .07 .30 .08 +06 .05 .95 .07 .36 .08 .04	T 008 +13 T 043 +42 T 046 +27	1
GREENUP OAM 30 GREENVILLE 2 W HARTFORO 6 MW HAZARO WATER WORKS	5.04 .70 T .24 1.91 .40 .03 1.60 .72 T .5.11 .48 .66 2.24 .27 .25	*02 1.15 *07 *66 *07 *30 *02 *33 *07 T *23 *24 *25 *69 *54 *26 *26 *27 *27 *27 *27 *27 *27 *27 *27 *27 *27	.06 .71 .16 .10 .14 .05 .33 .7 .10 .7 .10 .37 .03 .21 .31	1.06 -29 -01 16 -22 15 -15 -14 -11 -25 -02
HENOERSON 4 SW HICKMAN 1 E MICKSVILLE HIGH BRIDGE LOCK 7 HINOHAN SETTLEMENT SCH	1.21 .26 .01 2.96 .34 .09 1.92 .46 2.58 .55 .06 4.56 .50 .65	*36 T *10 *70 *02 *39 *22 *03 *12 *24 *02 *25 *79 *40 *14	.03 T .06 .07 .07 .01 .44 .26 .10 .20 .78 .25 .40	7 7 .39 .39 .41 .10 .16 .15 .03
HOPKINSVILLE HYOEN INE2 IRVINGTON	2.49	.25 .08 .29 .37 .28 .69 .53 .17 T .3 .46 .08 1.25 .28 .00 T .21 .43 .79 .68 .34 .16	00 04 037 002 02 01 02 17 02 02 05 002 01 02 07 00 01 01 01 01 01 01 01 01 01 01 01 01	.76 .22 .12 .19 .18 .10
JACKSON JEREHIAH KEENE 1 NNE KENTUCKY OAM LA GRANGE 1 SW LANCASTER	3.07 .37 .20 .10 3.11 .91 1.32 .30 1.37 .35 T 2.89 .41 .05	*10 *11 1*03 7 *88 T *40 *36 T *15 T *05 T *20 T *09 1*13 *10 ** *46 *04	08 -23 -17 -20 -24 -16 T T T -14 -40 -45	.48 .52 .37 .25 .02 .11 .03
LEITCHFIELO	1.444 .52 .7 R 2.99 .58 .04 .06 .360 .55 .20 .20 .7 2.67 .40 .7 1.75 .87 .03	*16 *13 T *24 T *31 *01 *03 *34 *09 *05 1.25 *10 *25 *45 *10 *10 *14 *06 T *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *14 *06 *10 *10 *10 *10 *10 *10 *10 *10 *10 *10	*10 *20 *01 *30 *21 *01 *25 *20 *15 *45 *39 T	T T 08 08 00 00 00 00 00 00 00 00 00 00 00
LONDON FAA AIRPORT LOUISA 2 LOUISVILLE LOUISVILLE W8 AP LOUISVILLE UPPER GAGE	4.19 .01 .34 .31 4.38 .33 T 1.48 .60 .05 T R 1.68 .48 T T 1.67 .60 .02 .01	.49 1.09 .01 .87 .17 .88 .76 .42 .41 .23 .41 .23 .41 .24 .41 .25 .41 .41 .25 .	09 +05 +10 -05 +07 T +07 +07 +07 +07 +07 +07 +07 +07 +07 +07	T T 0.02 0.10 0.10 0.10 0.10 0.10 0.10 0.10
LOVELACEVILLE MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELO	1.46 .48 1.07 .39 3.04 .40 .31 T 4.34 .69 2.34 .63	*50 T	.10 T .08 .08 .15 .04 .22 .20 .27 .08	** 18 ** 20 ** 36 ** 34 ** 10 ** 25
HAYSVILLE OAH 33 HC KEE HIOOLESBORO MIOWAY MILLERSTOWN	3.18	*11 .54 *03 *22 1.36 *53 .50 *37 *12 *11 *35 .67 *72 *05 *04 *63 T .27 .24 *08 *44 .32 *05	T *24 *02 *11 *26 T *7* *36 T T *38 *08 *27 *32	.79 .58 T .35 .55 .02 T .19 .10
HONTICELLO MOUNT STERLING HOUNT VERNON MUNFOROVILLE 1 N HURRAY	4.73 .66 .72 .17 .4.92 .79 .22 .2.64 .47 .75 .47 .75 .75 .75 .75 .75 .75 .75 .75 .75 .7	.92 .24 .46 .27 .09 .98 .04 .33 .09 1.25 .45 .06 .63 .13 .04 .76 .31 .07 .01 .65	.08 .88 .0 .08 .13 .41 .47 .25 .05 .02 .24 .33 T	7 *15 *26 *47 *28

Station	stal	_													Da	y of n	onth																
	Tote	1	- 2	:	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OLNEY ONEIDA ONEONTA OAM 35 DWENSBORO 2 W OWENSBORO OAM 46	1 • 21 4 • 18 2 • 50 1 • 37	т	•	46 39 72 55 62		•43 •12 •02					• 2 1 • 0 5 • 3 0 • 2 4	•69	• 59 T	*17 *52 T *18	.78 .10	•20				•02 •19 •16 •15	•12 •11	.07 .12 .20 .10								.21 .34 .85 .07	.10 .03 .02	T	
PAQUEAH FAA AIRRORT RAQUEAH RAINTSVILLE PIKEVILLE RINEVILLE	1.35 1.40 4.35 4.76 4.02	•6			•52	•32 •11 •53				• 4 0	•04 •32	•52 •12	.54 .25 .34	1.03	+21	•27			T	T - 01	.05 .12 1.16 .60	•15 •10 •20 •07 •32	1 •18 •04	•58 •15					•18 •12	*10 *18 *28 *12 *06	÷45	•01	
RRINCETDN RAVENNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE	1.39 3.20 3.21 1.72 3.38			42 62 57 79	•02	•22					. 43 T . 23	1.08	.08	•20 •25 •27 •23 •36	.28 .15	+12				• 15	•13 •18	•42 •35 •14 •69	•04					т	•12 T	*18 *15 *15 *25 *82	т		
RUSSELLVILLE SUBSTA STALLEHEH ACAD SALVISA LOCK 6 SALYERSVILLE 2 SE SCOTTSVILLE	3.18 1.81 3.12 5.04 2.98			58	•07 T	T • 36		۰06			•30 •12 •09	+18	•02 •62	• 35 • 30 • 30 • 49	+33 +62	•03 •19				.05 .04 .02	T •41 •23 •24 •03	•59 •08 •30 •36 •54	• 05		•16					.87 .02 .08 .24	•33 •64		
SEBREE SHAWNEE STEAH RLANT SHELBYVILLE 2 W SHERHEROSVILLE SOHERSET 1 N	1.00 1.64 1.78 3.92			26 53 52	.01 .26	•05					•22 •10 •10 •76	•07 •08 •63	•01	•01 •27 •35 •63	T •02 •13					.04 .16 .12	•36 •16 •04	•10 •10 •11 •20	• 03						.09 .01	•34 •11	•05		
SRRINGFIELD STEARNS SUMMER SHAOE SUMHER SHAOE SUBSTA FAYLORSVILLE	2.78 5.01 3.37 3.39 1.89		• 5 • 5	36 1		.34 .05 .04					-12 1-37 -20	+82 +15	.58	•33 •66 •24 •28 •40	. 20	+04 +02				T •13	•22 •26 •05 •08 •36	.42 1.15 .34 .50	T •07 •10 •04	+05						•51 •25 •43 •38 •12	.06		
URKEY CREEK SCHOOL YRONE LOCK 5 WIONTOWN DAM 49 ALLEY VIEW LOCK 9 ANBUREN	2.07 2.85 1.23 2.39	REC	.7 .3 .3 ORD M	18	.	•01 •05 •03					.36 .06 .11 .06	•12 •75 •05 1•11	T •02	•36 •23 •05 •21	.02 .28	•03				T T	•52 •01 •11	.42 .08 .09	*01 T T *01							.36 .10 .52	.05 T .03		
/ANCEBURG DAH 32 IAYNESBURG 7 NE IEST LIBERTY /ILLIAMSBURG 2 /ILLIAMSTOWN 5 WSW	3.45 3.93 3.66 4.65 1.79		•5 •6 •3 •4	3	. 01 T	•13 •26 •22 •51					•11 T	.74 1.28 1.36 .53	•23 •87	•11 •32 •36 •53 •25		•04 •18 •11 •08	Т			•02	•13 •12 •07 •41 •24	•07 •37 •23 •61 •05	.03 T	•11	.04					.68 .22 .21 .15	.39 .05 .25		
WILLOW LOCK 13 WOLF CREEK OAH WOODBURY LOCK 4	3.81 4.04 2.58		• 2 • 7 • 8	3		•24 •27					.28	1.28		•30	•91 •27 •02	•07 •02				•15	•12 •12 •04	•28 •46 •24	т	•12						•21 •26 •61	•05		

REFERENCE NOTES

Additional information regarding the climate of Kentucky may he obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisvills 13, Kentucky, or to any Weather Bureau Office near you.

Figuree and letters following the etation name, such as 12 SSW, indicate distance in miles and direction from the post office. Delayed data and corrections will be carried only in the June and December issues of this bullstin.

Monthly and seasonal snowfall and beating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not lieted in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in *F, precipitation and evaporation in inchee and wind movement in miles. Monthly degree day totals are the sums of the negative depertures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan pan as reformed during 2 do for the standard Weather Bureau type pan pan as recommending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for euccessive observations; consequently occasional drifting end other ceuses of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall end Snow on Ground" Table, and in the seasonal snowfell teble include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation end Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, ars for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfell and Snow on Ground" Table is et observetion time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

- In the Station lndex the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tehles", indicate the following: C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, end are published later in "Bourly Precipitation Data" Bulletin. G "Soil Teaperature" Table.

 B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

 J "Supplemental Data" Table.

- OTHER REFERENCE NOTES

 No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
 Interpolated values for monthly precipitation totals may be found in the annual leave of this publication.
 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall end Snow on Ground" Table; and the Station Index.
 And also on an earlier date or dates.
 Assount included in following measurement, time distribution unknown.
 Thermometers are generally exposed in a sbelter located a few feet above sod-covered ground; bowsver, the reference indicates that the thermometers are supposed in a sbelter located on the roof of a building.
 Gage is equipped with a windshield.
 This satry in time of observation column in Station Index means after rain.
 Data based on observational day ending hefore noon.
 Adjusted to a full sonth.
 Adjusted to a full sonth.
 One or care days of record smealing which we intered, leas than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
 Amounts from recording age. (These amounts are essentially accurate but may vary slightly from the amounts to he published later in Hourly Precipitation Data.)
 This entry in time of observation column in Station Index means observation made near sunset.
 Includes total for previous month.
 Description time is 1000 a.m., KST of the following day.
 This entry in time of observation column in Station ladex means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documente, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this atate. That publication may be obtained from the Superintendent of Documente, Government Printing Diffice, Wasbington 25, D. C. for 30 cents. Similar information for regular Weather Buraan atations may be found in the latest issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 conts per copy, monthly and annual; \$2.50 per year. (Yarly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Contract tance and correspondence regarding subscriptions should be sent to the Superintendent of Documents. Contract Training of the Superintendent of Summary Superintendent of Succession Superintendent of Succession Superintendent of Succession Superintendent of Superintendent of Succession Superintendent of Superintendent

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	17	18	19	20	21	22.	23	24	25	26	27	28	29	30 31	Amerog
ANCHORAGE	MAX MIN	79	63	62	62	77	69	85	81	73	56 45	92	47	54	64 28	70 31	73	80	69	70	64	98	62	67	74 36	82	78	70	68	77	82	68.9
ASHLAND DAM 29	MAX	86	77	67	60	76	71	86	87	77	53	53	49	38	65	70	75	79	73	74	65	96	53	64	74	82	79	12	14	79 48	78 47	67.6
BARBOURVILLE	M/X MIN	81	78 41	69	62	75 29	76 52	84	85 52	84	64	60	50	40	60	70 28	75	80	78 49		80	76 45	92	6 7 34	74 30	75 40	82 60	90 61	79 59	78 40	82	72.1 42.1
BARDSTOWN S J PREP SCH	MAX M1N	81	71 41	64	65	76 43	74	84	83	78	97	56 41	56	53	64 32	70 33	73	81	76 59	72 51	67	97	61 37	6 7 30	75 38	81 57	76 67	73 65	71 98	78 47	85 51	70.8
BAXTER	MAX	76 35	81	51	61	60	72 30	71 30	82	84	76 58	72 52	58 41	42	40 29	60 29	69	74 33	80 36	65 91	73 96	80	95 46	46 36	65 31	73 32	80 39	78 55	75 59	76 40	79 41	68.3
BEAVER DAM	MAX MIM	76 54	66	65	67			86 47	83	78 43	56 44	55 41	51 39	55 37	63 28	72 31	79	81 53	78 59	73 55	69	59 44	63	70 31	77 39	83 96	79 96	73 63	67 58	80	86 47	70.9
BENHAM	MAX MIN	75 34	81	55 30	63	98	70 31	72 28	82 36	85 63	78 57	76 48	55 30	50 32	40 28	58 28	68	73 35	78 47	72 55	70 93	77 47	91 42	47 36	64 28	70 37	77 45	78 52	72 60	77	73 39	68.2
BENTON 2	MAX MIN																															
BEREA COLLEGE	MAX MIN	83 53	77	65 45	63 35	76 44	70 46	85 39	85 62	80	55 46	54 44	50 35	54 32	63 33	70 36	74 47	81 46	81 59	73 50	71 55	66	99 38	66 32	73 38	82 54	80 62	76 63	73 50	77 46	83 47	71.5
8LA 1NE	MAX MIN	86 36	80 42	77 32	60	75 28	70	85 28	87 47	81 49	56 47	55 40	48	38 32	64 28	69 27	75 30	81 32	78 44	75 47	68 54	60 42	51 38	67 40	75 29	78 43	81 45	72 56	75 55	75 48	80 41	70.7
BONNIEVILLE	MAX MIN	79 44	67 43	65 43	65 30	76 39	72 41	84 37	81 65	75 45	5 7 4 5	54 42	49 38	52 35	63 27	70 28	72 35	80 45	72 58	70 50	70 55	58 43	61 37	68 29	73 33	80 54	76 63	71 63	69 60	77 40	84 46	69.7
BOWLING GREEM FAA AP	MAX M1N	78 48	64 45	65 40	68 35	76 39	70 47	84 42	81 60	62 45	56 46	52 44	46 38	53 36	64 31	69 32	72 37	78 47	67 54	74 52	74 51	53 40	62 40	66 33	73 37	81 58	75 57	69 62	71 49	76 45	84 50	68.8
CAMPBELLSVILLE	MAX MIN	80 52	67 42	64 50	64	75 41	74 47	84 45	82 65	77 47	56 47	54 43	48	52 34	62 32	68 33	71 40	80 45	74 59	71 52	71 57	63 43	62 38	68 32	73 36	81 57	76 62	70 63	69 62	75 43	83 50	69.8
CARROLLTON LOCK 1	MAX MIN	79 43	64 42	64 46	61 38	76 36	72 43	83 37	82 66	78 45	56 45	56 42	50 35	51 37	66 36	70 32	73 37	79 48	75 60	78 55	65 44	56 38	5 9 3 9	67 29	74 35	83 57	80 51	76 60	69 52	77 48	82 44	70.0
CLERMONT 1 SSE	MAX M1N	80 51	65 42	64 40	64 31	76 39	75 42	84 37	82 67	79 46	67 46	57 41	50 36	54 35	66 30	70 31	74 37	80 49	77 5 7	72 50	70 49	58 41	63 38	71 29	75 36	81 57		73 66	68 55	79 45	85 49	71.0 43.9
COVINGTON WB AIRPORT	MAX M1N	80 51	57 40	61 42	57 35	74 42	65 42	80 44	78 64	71 47	53 44	50 40	41 34	51 34	63 35	68 38	71 45	79 54	68 59	67 47	49 40	57 37	60 39	65 34	72 42	79 57	78 58	69 58	69 49	74 48	79 48	66.2
CYNTHIANA 2	MAX MIM	75 40	80 41	61 43	63 33	59 33	73 40	65 34	82 49	83 55	55 47	55 45	53 34	38 34	50 30	65 28	67	71 37	79 54	62 51	72 47	61 39	57 39	60 27	67 32	72 44	81 47	71 62	71 60	73 46	74 43	66.5
DANVILLE	XAM MIM	76 42	80 41	61 41	64 38	62 40	73 45	66 41	85 46	82 57	58 46	54 44	49 35	37 33	48 33	63 36	68 42	73 47	79 55	65 54	71 55	68 40	52 38	61 35	66 41	75 50	81 52	75 63	68 62	70 47	76 50	66.9
DEWEY OAM	MAX MIN	78 35	87 38	55 32	59 38	61 28	76 47	68 30	86 30	87 54	73 52	57 50	54 38	39 33	37 31	64 31	70 31	75 33	79 35	71 35	76 54	75 45	51 41	49 41	66 31	77 31	79 47	83 47	76 54	78 40	74 40	68.7 39.1
Olx OAM	MAX M1N	80 49	77 40	65 46	61 36	75 41	70 46	82 39	80 61	80 48	55 46	57 44	55 33	48 34	62 34	67 35	71 39	78 45	77 59	71 55	70 52	65 40	60 40	65 33	72 40	81 51	75 61	74 64	72 62	75 47	83 49	70.1 45.6
EL 1ZABETHTOWN	MAX MIN	70 50	60 40	60 49	60 29	72 36	72 39	81 39	79 61	70 44	44	41	36	55 35	65 29	70 28	72 33	77 43	70 58	72 48	65 51	58 41	61 37	67 29	74 33	78 58	79 60	72 60	70 57	77 37	82 43	69.9
FALMOUTH	MAX MIN	82 39	62 43	65 40	62 31	77 32	73 40	84 33	84 58	77 49	54 46	54 44	50 34	50 36	66 28	71 29	75 32	80 37	75 58	71 54	65 45	57 37	60 36	68 28	74 32	82 46	80 47	74 61	74 54	77 41	81 41	70.l 41.0
FARMERS	MAX M1N	85 40	85 42	64 36	59 36	75 31	72 46	84 40	84 63	82 53	55 48	55 48	51 33	42 34	64 27	68 29	72 31	81 34	79 50	73 54	70 50	62 42	58 35	65 31	73 30	82 39	80 59	75 57	76 57	75 41	81 42	70.9
FLEM1NGS8URG 2	MAX M1N	83 47	62 40	62 39	62 32	75 31	68 41	84 36	84 60	70 50	55 45	52 43	48 32	46 32	63 30	71 34	74 36	81 41	74 58	72 55	65 45	55 39	61 37	66 31	75 36	80 46	78 54	71 60	71 54	75 45	82 45	68.8 42.5
FOROS FERRY DAM 50	MAX MIN	72 52	69 42	67 55	68 39	80 50	74 50	85 53	82 58	76 43	51 42	52 35	51 39	54 39	65 35	70 42	75 43	80 50	75 58	75 59	68 52	58 45	60 42	70 34	78 46	81 56	79 53	71 50	69 56	80 46	87 55	70.7 47.3
FRANKFORT LOCK 4	MAX M1N	76 43	80 43	60 42	65 36	61 35	76 37	65 36	82 36	82 53	53 47	56 44	52 37	39 35	50 36	62 32	68	71 35	80 44	64 53	70 49	61 40	55 39	60 29	66 30	71 35	80 54	77 62	71 64	71 46	75 45	66.6
GLASGOW WKAY	MAX MIN	79 48	67 44	64 48	65 30	75 39	70 45	82 42	81 64	74 46		54 43	50 38	52 35	62 27	68 30	71 35	80 47	74 59	72 53	72 55	60 43	60 40	67 30	72 35	80 58	76 61	70 65	70 61	74 41	82 45	69.3 45.1
GOLOEN POMO 8 N	MAX M1M		68 42	69 45		79 48	79 50		85 55	80 42		50 38		54 39	64 26	70 34	74 39	75 50	70 51		76 55	60 44	59 40	68 29	77 36	80 59	76 59	74 63	69 58		85 47	71 • 1 45 • 4
GRAYSON 1 SE	MAX M1M																															
GREENSBURG	MAX	78 43	82 45	63 44		67 34	75 45	75 36	85 49	83 54	47	55 44	51 39	36	53 29	64 30		73 39		52	71 55	44	41		34	46	62	65	63	71 41		68.7
GREEMVILLE 2 W	MAX M1N	75 58	66 42	65 56	67 34	78 44	76 48	84 48	82 65	80 42	54 42		50 39	53 38	63 37	69 34	73 39	79 53	75 59	72 52	71 55	58 44	40	68 30	75 38	60	60	73 64	68 59	76 48	85 52	70.2
HE10ELBERG LOCK 14	MAX	82 36	80 42	65 32	30		71 48	85 28	85 48	85 53	55 49	47	50 34	33	63 27	70 28	75 30	80 34	80 45	71 53	73 54	70 43	40	30	30	83 39	4.8	77 57	79 59	76 40	83	71.7
HEMOERSON 4 SW	MAX M1N	1	43		37	79 46	70	51	57	75 41	53 41	35	38	57 37	36	70 42	74	54	75 59	72 55	68 49	59 42	38	68 34	77 46	80 59	62	72 66	68 54	81 47	87 51	70.3
HICKMAN 1 E	MAX	50	65 46	72 48	74	65 42	70 48	75 42	54	82 42	50 44	46	52 40		45 32	48 35	52	68 48	72 50	75 56	40	40	68	65 34	72 43	78 53	55	76 62	70 58	72	86 53	68.1
HINOMAN SETTLEMENT SCH	MAX	1	44		67 32	28	75 50	70 29	86 40	88		49		39	29	62 28	70 30	75 34	82	69 54	76 56	77 47	48	46		74 36	82 47	58	56	76	75 40	68.8
HOPK1NSV1LLE	MAX M1N			44	67 35	69 40	80 44	75 50	88 55	88		38			31	65 35	71 40	76 47	82 54	73 54	75 56	76 44	58 39	61 34	40		83 57	77 64	68		80 50	70.0
INEZ	MAX M1M	37	81 42	70 34	33	28	74 50	88	89 46	88 49	62 49	47	50 32	34	29	72 28	76 30	33	79 38	76 55	73 59	68 45	55 39	74	74 28	1	75 45	76 44	67 43	74 39	78 42 85	72.1
1RV1NGTON	MAX M1N	57	64 41	64 48	66 34	77 45	70 43	85 49	63	75 44	57	40	48 36			71 33	75	82 54	73 58	70 50	63 50	57 40	38	70 31	77 41	82 58	80 60	72 66	67 53	79 45	49	70.0 45.9 69.7
LE1TCHF1EL0	MAX M1M				65 37		72 46	85 48	81 64	73 43			48 38		64 35	71 39	73	81 53	73 58	71 52		58 42	40	68 36	43	81 57	77 59	63		80 46	84 50	47.2
	l	1			1			Į.			See	Referen	nce No	l otes Fo	llowing	Station	Index			t												'

CONTINUEO																															APRIL .	
0															1	Day (Of Mo	nth							_					_		arage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	24 :	25	26	27	28	29	30 31	Ave
LEXINGTON W8 AIRPORT	MAX MIN	80 55	58 41	61	61 35		63	81 43	81 62	68 47	55 46	51 40	40	47 33		66 38	70 43								71 43	80 55	75 59	69	70 48	74 47	80 51	66.1 45.4
LONDON FAA AIRPORT	MAX MIN	79 45	58 40	60 39	60 33	74 32	69	83 37	83 56	71 52	57 51	52 44	33	40 30	59 28	68 29	72 34	77 38	63 56						72 32	82 43	77 58	70 63	73 47	74 41	81 47	67.4 42.0
LOUISVILLE	MAX MIN	81 53	64 46	64 49	66 40	79 46	74 48	86 45	84 65	79 46	58 44	55 40	49 37	55 38	67 41	72 39	76 48	83 55	77				62 42		78 43	85 60	81 63	76 66	70 54	81 51	88 54	72.0 48.6
LOUISVILLE W8 AP	MAX MIN	81 49	63 42	63 43	66 38	80 44	68	87 44	84 65	65 45	56 44	51 41	44 37	54 40	66 40	74 37	78 44	84 55	71 59	72 55			62 42		79 40	85 59	81 63	71 66	69 51	80 51	86 53	70 • 4 47 • 0
LOVELACEVILLE	MAX MIN	75 57	71 40	67 57	67 31	80 44	77 50	85 52	82 59	74 41	59 41	54 37	50 40	57 33	66 28	70 32	75 39	78 55	75 62				63 44		78 43	80 60	76 60	71 63	73 59	80 41	87 50	71.5 - 46.7
MAOISONVILLE 1 SE	MAX MIN	77 53	66 43	66 55	72 40	77 44	76 47	84 48	82 64	77 43	53 42	55 40	51 38	54 36	63 36	69 38	73 42	80 51	78 60			58 44	60 40	68 37	75 46	80 59	77 63	73 66	69 54	79 43	85 51	70 • 7 47 • 7
MAMMOTH CAVE PARK	MAX MIN	77 52	64 43	64 38	65 31	76 48	75 45	84 42	8 2 6 2	75 44	55 44	55 41	51 34	54 36	64 30	68 29	71 37	80 50	78 57	70 49			58 36	69 28	74 34	80 56	75 63	73 61	68 53	78 42	80 45	69.5 44.2
MANCHESTER 4 SE	MAX MIN	83 39	78 43	64 34	63 33	77 29	74 55	85 31	87 51	82 60	63 52	60 49	50 37	38 34	62 30	70 29	75 31	81 36	80 47	76 56	78 56	73 46	51 44		75 31	8 4 40	80 54	76 56	75 59	76 41	88 43	72 • 4 42 • 8
MAYFIELO	MAX MIN	73 57	70 41	67 59	67 35	72 46	77 52	83 55	80 62	75 42	55 41	54 38	51 39	56 37	65 31	68 36	73 45	70 57	73 54	77 55	71 54	60 43	61 42	67 34	76 46	78 59	74 65	72 62	70 59	78 44	86 58	70.0 48.3
MAYSVILLE OAM 33	MAX MIN	76 40	84 42	57 41	64 35	60 34	76 37	63 33	83 33	84 59	63 47	54 46	53 38	41 33	48 31	65 31	69 31	72 37	81 38	65 56	71 46	59 40	56 35	60 31	65 32	72 36	81 44	78 61	71 58	73 46	74 45	67.3 40.5
MIOOLES80RO	MAX MIN	80 39	74 44	65 34	64 36	73 29	74 51	80 31	83 59	81 67	72 58	64 52	54 40	42 36	62 29	69 28	73 32	78 35	75 50	70 57	82 52	78 48	52 46	67 34	71 30	79 39	77 52	77 64	79 63	75 40	83 40	71.8 43.8
MONTICELLO	MAX MIN	80 50	70 44	63 43	63 29	73 34	70 52	83 39	82 63	74 53	57 49	55 46	47 37	45 33	60 29	67 29	72 34	81 38	75 59	72 52	78 51	67 44	62 36	64 29	72 34	80 45	76 64	71 65	73 54	74 42	81 47	69.6 44.1
MOUNT STERLING	MAX MIN	83 49	76 40	62 43	58 35	73 38	68 45	83 38	83 63	79 48	55 45	54 43	50 34	45 32	67 33	67 36	71 42	80 45	73 58	71 54	68 49	60 40	60 38	64 34	71	80 48	76 57	74 62	72 56	74 47	82 48	69.3
MOUNT VERNON	MAX MIN	82 45	72 40	64	62 34	74 34	67 50	84 38	83 64	70 50	55 48	52 39	47 34	44 33	60 30	69 30	72 35	81 39	79 58	73 55	72 54	66 40	59 36	65 30	72 32	82 44	75 62	70 63	71 61	75 41	78 50	69.2 43.8
MURRAY	MAX MIN	72 57	70 41	67 56	67 35	79 45	75 53	82 56	81 63	71 43	55 40	52 38	50 40	55 40	64 31	69 35	74 40	80 56	73 62	78 55	65 55	57 45	61 45	69 33	76 41	79 50	78 60	70 62	70 59	80 45	85 45	70.1 47.5
OWENS8ORO 2 W	MAX MIN	73 56	65 43	64 54	67 36	78 43	73 43	85 47	83 59	76 43	52 43	54 37	49 38	55 39	64 33	70 36	75 39	80 54	73 59	70 56	66 53	62 43	63 41	70 34	79 42	82 53	80 58	73 56	67 62	80 46	87 48	70.5 46.5
PAOUCAH FAA AIRPORT	MAX	67 46	69 39	66 41	66 37	79 45	7 4 50	84 57	80 47	49 42	55 41	52 38	48 40	55 36	64 33	69 39	73 44	79 58	73 59	76 56	59 47	58 44	61 41	68 35	77 50	80 60	76 62	70 62	71 49	79 44	86 54	68.8 46.5
PAQUCAH	XAM MIM	77 57	70 42	69 58	70 36	81 46	78 47	86 56		77 42	57 41	55 38	51 40	57 37	65 31	71 34	75 47	80 57	75 62	77 55	73 53	60 47	63 42	70 32	77 42	80 62	78 62	72 63	72 59	80 42	88 51	72 • 2 48 • 0
PIKEVILLE	MAX	86 42	77 45	67 34	63 40	79 33	72 53	90 34		83 56	67 57	61 49	50 39	40 36	65 33	73 34	80 36	83 40	71 47	78 56	80 61	73 48	49 44	66 44	76 37	84 40	81 53	74 61	78 61	78 45	83 47	73.2 45.2
PRINCETON	MAX MIN	75 48	69 39	66 51	70 29		77 56	87 54		75 43	55 42	56 35	51 39	56 38	67 25	70 34	75 41	80 46	75 61	76 54	70 53	62 45	61 41	63 29	77 35	82 50	77 54	72 62	71 59	80 39	87 45	71.5 45.0
RICHMONO	XAM	76 44	82 47	59 40	63 33	61 35	76 44	65 35		82 58	61 46	54 46	51 35	37 32	47 32	62 33	68	71 40	79 44	64 49	71 52	68 40	54 38	61 30	65 36	72 46	81 55	75 62	71 60	71 45	75 49	66.8 43.0
RUSSELLVILLE	MAX MIN	74 55	66 41	67 41	68 32	79 38	74 49	87 47		74 42	60 42	58 40	49 39	55 35	65 28	71 30	74 36	81 53	75 58	75 52	72 48	57 43	61 35	69 30	77 35	85 57	78 60	73 62	72 58	80 45	85 50	71.5 44.8
ST JOHN BETHLEHEM ACAO	MAX MIN	78 50	76 40	64 43	64 32	64 40	76 45	67 42		81 40	50 42		5 0 3 8		52 35	64 34	68 36	72 44		66 51	69 50	70 40	55 35	61 34	66 36	73 49	79 60		68 61	67 40	78 45	67.1 43.1
SCOTTSVILLE	MAX		68 44	66 51		76 45	72 51	84 49		77 48	54 46	53 44	50 39		63 30		76 40	80 54		73 53	76 57	57 45	59 39	68 31	74 40	81 57	77 61	72 65		78 48	84 47	70.4 47.4
SHEL8YVILLE 2 W	MAX		62 41	62 45	63 34	78 38	71 41	83 42		77 45	55 45	54 41	48 35	52 36	64 31	68 32	72 38	81 41	76 58	69 53	66 40	58 37	61 37	67 31	74 39	80 59		74 63				69.3 43.8
SOMERSET 1 N	MAX MIN		70 41		61 31			83 36		73 49	56 48		47 35		61 31	67 30	71 33	79 39		70 54	75 56	62 42	59 38	65 30	70 31	78 44	75 58			73 39		68.3 43.2
SUMMER SHAGE	MAM		65 43				75 39										71 36						58 36				75 57	71 60		76 42		69.2 43.0
VANCEBURG OAM 32	KAM		80 44						85 58								70 35				67 47	58 41	56 41	66 33	72 35	82 43					80 48	69.5 43.2
WEST LIBERTY	KAM		85 43				75 49		85 40			54 45			37 26	63 26	69 31	74 34			73 57		53 40		66 30		83 45				75 43	67.5 40.4
WILLIAMSBURG 2	MAN MIM										76 51				42 29		72 34	77 37		63 56		82 48	50 43	57 32	69 32					78 43		70.5 42.2
WILLIAMSTOWN 5 WSW	(AM		79 39							80 48	52 44	53 41	52 31	- 39		62 33	68 38				69 42		57 35		66 30		79 53	78 64			74 49	66.2
WOLF CREEK OAM	(AM		84 42	64	63	65						59 46			49 26			73 33			73 51			60 2 9			83 47	79 64	74 61	76 40	77 41	69.4 39.2

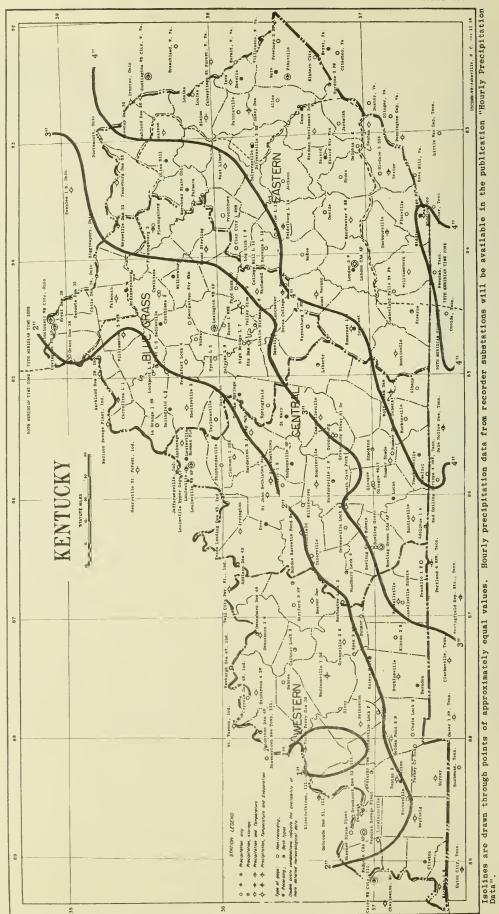
EVAPORATION AND WIND

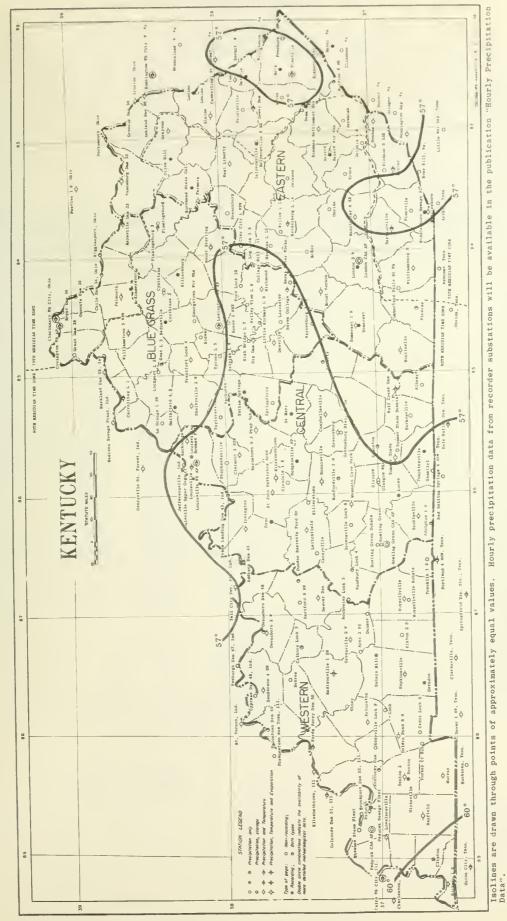
RENTUCKY APROLIT 1959

																	Day c	f moi	nth														
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DIX DAM	EVAP W18D		-	.15	.38 142	.16	, 19 102	, 29 31	.12	. 36	.03	, 04 36	91	92																.03			B5,14 B2B31
MADISONVILLE 1 SK	EVAP	.07	.27 150	.15 82	.15 128	, 50 28	.21 69	, 30 29	.37	.25 104	. 06 59	.07 75	. 0 H 69	. 1-1	. 14 9G	.17 45	, 28 52	.28	. 1 G 80	07 15	. OH 22	.09 88	. 28 60	. 28 55	14 20	35 86	.42 113	, 23 82	.08 149	-17 93	40 61		6_25 2149
WOLF CREEK DAM	EVAP W1ND													64																, 20 64			84 48 1151

SNOWFALL AND SNOW ON GROUND

																Day	of m	onth							_							
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BENHAM	SNOWFALL SN ON GND														1.0																	
BEREA COLLEGE	SNOWFALL SN ON GND													-																		
CAMPBELLSVILLE	SNOWFALL SN ON GND												Т	Т																		
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV												. 6	T																		
CYNTHIANA	SNOWFALL SN ON GND												Т	Т																		
DANVILLE	SNOWFALL SN ON GND													. 3																		
FARMERS	SNOWFALL SN ON GND												T	Т																		
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LONDON FAA AIRPORT	SNOWFALL SN ON GND													1.5																		
MAYSVILLE DAM 33	SNOWFALL SN ON GND												Т	Т																		
MIDDLESBORO	SNOWFALL SN ON GND														T																	
PAINTSVILLE	SNOWFALL SN ON GND												1	T T																		
PIKEVILLE	SNOWFALL SN ON GND													т																		
SOMERSET 1 N	SNOWFALL SN ON GND													т																		
SUMMER SHADE	SNOWFALL SN ON GND													Т																		
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND												T																			





STATION INDEX

KENTUCKY APRIL 1959

		1													1 1							APRIL 1959
STATION	M NO.	COUNTY	AGE 1	LATITUDE	CONGITUDE	NOLLY	T	ERVA IME A TABL		OBSERVER		STATION	X NO.	COUNTY	AGE 1	LATITUDE	LONGITUDE	ELEVATION	T	SERV TME TABI	ES	OBSERVER
SIAHON	INDEX	COUNTY	DRAINAGE	LAT	TONG	ELEVATION	TEMP.	PRECIP.	SPECIAL	OBSERVER		STATION	INDEX	COUNTY	DRAINAGE	LATE	LONG	ELEV!	TEMP.	PRECIP.	EVAP.	OBSERVER
ADOLPHUS 1 N	0043	BRECKINRIOGE ALLEN CLINTON FLOYO JEFFERSON	7 3 2 1 7	37 55 36 39 36 45 37 35 30 16	86 34 86 16 85 08 82 43 85 33	380 600 1000 658 700	7P	6A 7A 7A 8A 7P	c	CORPS OF ENGINEERS 10ELL N. DEARING MRS.BARBARA M. COOL NAMMIE AUXIER C. E. BARRET		LEXINGTON WB AIRPORT LIBERTY LITTLE HICKNAM LOCK 8 LOCKPORT LOCK 2 LOGLICK 1 S	4746 4755 4825 4857 4882	FAYETTE CASEY JESSAMINE HENRY CLARK	4 4 4		84 36 84 55 84 35 84 58 84 02	979 772 560 485 773	N10	7A 7A 6A	C C C	HJ U-S. WEATHER BUREAU PALLIA F. HANKLA CORPS OF EWGINEERS CORPS OF ENGINEERS HUBERT BURGHER
APEX 2 NE ASHLANO DAM 29 BARBOURVILLE BAROSTOWN S J PREP SCH BAXTER	0254 0381 0397	MUHLENBERG BOYD KNOX NELSON HARLAN	3 7 2 8 2	37 08 38 27 36 52 37 48 36 51	87 19 82 36 83 53 85 28 83 20	510 551 1000 631 1164	6P 6P 6P 7A	7A 7A 6P 6P 7A	C H	SPENCER PROWSE CORPS OF ENGINEERS UNION COLLEGE ST - JOSEPH PREP - SCHOOL C - MOMER MOLAN	ľ	LONDON 3 W LONDON FAA AP LOUISA LOUISA 2 LOUISVILLE	4898 4943 4946	LAUREL LAUREL LAWRENCE LAWRENCE JEFFERSON	2 2 1 1 7	37 08 37 05 38 07 36 07 38 14	84 08 84 05 82 37 82 36 85 46	1277 1191 582 585 462	6P	MID BA 6P	c c	CITY OF LONDON FEO. AVIATION AGENCY CHARLES F. BRANHAM HAROLD C. FERGUSON LOUISVILLE G. + E. CO.
BEAVER OAN BENKAN BENTON BENTON 2 BEREA COLLEGE	0595	OHIO HARLAN HARSHALL HARSHALL HAOISON	3 2 9 9 4	37 25 36 58 36 51 36 51 37 34	86 52 82 57 88 20 86 20 84 18	441 1565 395 305 1070	6P 8A 5P 6P	6P 8A 5P 6P	С Н	E. G. YOUNG C. C. WHITEAKER JAMES H. MILLER RADIO STATION WCBL JAMES A. GROSSMAN	"	LOUISVILLE BOWMAN FLD LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS	4954 4955 4967 5002	JEFFERSON JEFFERSON JEFFERSON BALLARD BARREN	7 7 7 6	38 13 38 11 38 17 36 58 36 53	65 40 65 44 85 48 68 50 66 02	556 474 403 370 738	1 1	6A 6P	c	CORPS OF ENGINEERS HJ U-S- WEATHER BUREAU CORPS OF ENGINEERS BLAINE NALONE WILLARD E- FOSTER
BEREA WATER WORKS BLAINE BLEOSOE 2 SSE BONNIEVILLE BOWLING GREEN	0752 0770 0854	HAOISOM LAWREMCE HARLAN HART WARREN	1 4 3 3	37 33 38 02 36 54 37 23 37 00	84 15 82 50 83 20 85 54 86 26	1010 670 1870 702 536	6P 6P	7A 6P 7A 6P 7A		MRS. LAURA B.GABBARO A. ENOCH WHEELER MRS VIRGINIA MOLAN HAROLO WALTERS JAMES R. EOWAROS		MAGISONVILLE 1 SE NAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELO MAYSVILLE OAM 33	5097 5111 5230 5243	HOPKINS EONONSON CLAY GRAVES NASON	3 3 4 6 7	37 19 37 11 37 06 36 44 38 38	87 29 86 06 83 43 88 39 83 42	439 800 850 364 515	50	7A 5P 7A 7A	7A C	HONER WELBORN, JR. HATIONAL PARK SERVICE NORA S. WHITE NAYFIELD ELEC.+ WIR.CO CORPS OF ENGINEERS
BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENT OAN 36 BROWMSVILLE LOCK 6 BUROINE 2 NE	0909	WARREN WARREN CAMPBELL EDMONSON PIKE	3 7 3 1	37 01 36 58 39 03 37 12 37 13	86 26 86 26 84 25 86 16 82 35	470 535 497 410 1643	NIO	5A M10 7A 7A 6A	С	TVA-639 FEO. AVIATION AGENCY CORPS OF ENGINEERS ELORIOGE SKAGGS EOWIN E. JOHNSON		NC KEE MC KINNEYSBURG META MIODLESBORO MIODLESBORO SEWAGE PL	15389	JACKSON PENOLETON PIKE BELL BELL	2 5 1 2	37 26 38 36 37 34 36 37 36 38	84 00 84 16 82 27 83 43 83 43		50	7A 7A	c	MRS.WINNIE W. MORAN RICHARO T. SYOMOR CHARLES NURRAY H MRS. LELA M. HERRELL CITY OF MIGOLESBORO
CADIZ LOCK E CALHOUM LOCK 2 CAMPBELLSVILLE	1206 1227 1256	CUMBERLANO 7RIGG MC LEAM 7AYLOR GRAYSON	2 3 3 3	36 46 37 32 37 20 37 25	85 22 87 58 87 16 85 21 86 30	600 424 402 771 600	6P	7A 7A 7A 6P 7A	С	MARVIN M. LEE CORPS OF ENGINEERS CORPS OF ENGINEERS ALVA MC KINLEY G. V. COX SR.		NIOWAY NILLERSBURG MILLERSTOWN MONTICELLO MORENEAD STATE COLLEGE	5430	WDOOFORO BOURBON GRAYSON WAYNE ROWAN	5 3 2 5	38 09 38 18 37 27 36 50 38 11	84 41 84 09 86 03 84 50 83 26	789 588 960 770		7A 7A	c	CITY OF MIDWAY DAVID CO- BAILEY OVA N. LAWLER ALVIN L. BERTRAM INACTIVE 9/57
CLAY CITY 1 WNW CLERMONT 1 SSE CLIN7ON COBB	1576 1611 1631 1663	CARROLL POWELL BULLITT HICKHAN CALOWELL	4 8 6 2		85 11 83 56 85 40 89 00 87 47	480 712 474 390 490	6P 5P	6A 7A 5P	С	CORPS OF ENGINEERS JOEL W. MOUNTZ BERNHEIN FOUNDATION WOODSON O. FRANKLIN MRS BENNIE B. WHITE		MOUNT STERLING MOUNT VERNON MUMFORDVILLE 1 N MURRAY OLIVE HILL	5648 5684 5694 6012	MONTGOMERY ROCKCASTLE HART CALLOWAY CARTER	5 2 3 9 7	38 04 37 21 37 16 36 36 38 18	83 56 84 20 85 53 88 20 83 11	622	5P 6P	5P 5P 7A 6P	c	FRED CARTNILL CITY OF MT. VERNON EDWARD A. RICHAROSON MURRAY STATE COLLEGE EARL R. NADDIX
CYMTHIANA 2	1855 1969 1998 2003	ESTILL BOOME WHITLEY HARRISON HARRISON	4 7 3 5	1	84 06 84 40 84 19 84 18 84 17	611 869 1070 684 719	MIO BA	7A MIO 5P 7A 8A	C H	CORPS OF ENGINEERS JUSS WEATHER BUREAU KYS DEPT. OF CONSS HARSHALL HILL KYS CARDIHAL DAIRY		OLNEY ONE LOA ONE ONTA OAN 35 OWENSBORO 2 W OWENSBORO DAM 46	6026 6033 6091 6096	HOPKINS CLAY CAMPBELL OAVIESS DAVIESS	7 4 7 7 7	37 14 37 16 38 58 37 46 37 47	87 47 83 39 84 18 87 09 87 08	512 420 404	6P	8A 7A 7A 7A 6A	c	NELVIE PARLEE NEISZ MRS+ ANNA L. BROWN CORPS OF ENGINELRS H VIRGIL O- CLARK CORPS OF ENGINEERS
DEWEY DAM	2139	BOYLE HARTIM PERRY KMOTT FLOYO	1 1		84 46 82 32 83 07 82 48 82 47	955 718 1647 850 653	7A 7A		C C	R. P. COLDIRON MRS. EVA N. OAVIS BALLARO F. WALKER.JR. MATTIE 8. BARNEY CORPS OF ENGINEERS		PAOUCAH FAA AIRPORT PAOUCAH PAOUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE	6117 6117 6136 6353	NC CRACKEN NC CRACKEN MC CRACKEN JOHNSON PIKE	7 7 7 1 1	37 04 37 06 37 06 37 49 37 29	88 46 88 37 88 36 82 48 82 31	340 325 620 686	5P	MID 5P 7A 8P	c	H FEO. AVIATION AGENCY WESTERN P. LACKEY CITY OF PADUCAH H JESSE FAIRCHILD U.S. WEATHER BUREAU
DUNDÉE BARRETTS FORO BR DUNMOR OYER EOOYVILLE LOCK F	2358 2366 2391 2445	MERCER OHIO MUHLENBERG BRECKENRIDGE LYON	3 3 3 2	37 48 37 33 37 05 37 43 37 03	84 43 86 43 87 00 86 13 88 05	670 440 592 793 420	4P	7A 7A	C H	PNILLIP O. THACKER JESSE L. HUFF N. O. GIVENS LENA BLAIR CORPS OF ENGINEERS		PINEVILLE PRINCETON RAVENNA LOCK 12 RICHMOND ROCNESTER LOCK 3	6882	BELL CALOWELL ESFILL HADISON OHIO	2 4 4 3	36 45 37 06 37 40 37 44 37 13	83 42 87 53 83 57 84 18 86 54	401	8 A	7A 5P 7A 8A 7A		FOLEY PARTIN ALTON No HARVILL CORPS OF ENGINEERS THOMAS CO HERNDON CORPS OF ENGINEERS
ELIZABETHTOWN ELKHORN CITY ELKTON 2 S FALMOUTH	2510 2528 2548 2775	METCALFE HAROIN PIKE TOOO PENDLETON	3 1 2 5		85 37 85 52 82 21 87 10 84 20	560	6P	7A 6P 7A 7A 7A	C	JOHN E. MORAN RADID STATION WIEL EDMOND O. BENNETT S. RICHARO ANDERSON FRANK H. LAWSON		RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE ST JOHN BETHLEHEM ACAD ST. MARY	7054 7074 7091 7096	LOGAN LOGAN SCOTT HAROIN NARION	3 4 8 8	36 23 37 42 37 35	86 54 86 54 84 33 85 59 85 21	576 791 777 743	7 7A	7A 7A	c	H WM. B. PORTER 7VA-683 LAWRENCE ROGERS SISTER MARY B. BUTZ JOHN B. DAUER
FLEMINGSBURG	2903 2908 2953 2961	ROWAN FLEMING FLEMING HAOISON CRITTENGEN	5 5 4 7	37 54 37 28	83 33 83 43 83 45 84 16 88 06	668 870 911 660 356	4P 6P 6P	7A 7A MIO 6A 6A	СН	MRS+ C+ C+ STAMPER MRS- JEAN FLEMING WILLIAM H+ FISCHER CORPS OF ENGINEERS CORPS OF ENGINEERS		SALVISA LOCK 6 SALVERSVILLE SALVERSVILLE 2 SE SCOTTSVILLE SEBREE	7125 7134 7215 7234	WOODFORD MAGOFFIN MAGOFFIN ALLEN WEBSTER	5 5 3 3	37 56 37 45 37 44 36 45 37 36	84 49 83 05 83 03 86 12 87 32	859 920 770 348	5P	7A 5P 7A	c	CORPS OF ENGINEERS STANLEY GARDNER FORREST C. WILLIS NOBLE ALLEN GILBERT 1. ASHBY
FRANKFOR7 LOCK 4 FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL	3036 3046 3052 3112	FRANKLIN SIMPSON PIKE MENIFEE MONROE	3 1 5 3		84 52 86 34 82 10 83 39 85 48	504 690 730 864 860	6A	6A 7A 8A 7A 7A		CORPS OF ENGINEERS NRS KATIE D. NEAL NRS ALTA S. GOOSLIN JAMES A. LEVERIOGE E. GUY OECKARO		SHAWNEE STEAM PLANT SNELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S SONERSE7	7324 7334 7473 7508	MC CRACKEN SHELBY BULL17T SHELBY PULASK1	7 8 8 9 2	37 09 38 13 38 00 38 20 37 06	86 47 85 16 85 44 85 16 84 37	862 1050		7A 7A 7A	C	7VA-709 MRS. WILLIE S. RATTA OVIO K. MACRUOER F. W. SIMPSON CORPS OF ENGINEERS
GEORGEYOWN WATER WORKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENDALE 1 E	3246 3252	MENRY BARREN BARREN HAROIN	4 8 3	36 12 36 25 37 00 37 00 37 36	84 33 84 53 85 55 85 55 85 54	780 808 710	6P	8A 7A 7A 6P 7A	СН	WILLIAM F.BRAMBLETT CORPS OF ENGINEERS EMILY M. BEAM RAGIO STATION WKAY DEMEY S. HILL		SOMERSET 1 N SPRINGFIELD STEARNS SUMMER SHADE SUMMER SHADE SUMMER SHADE SUBSTA	7604 7677 7800 7805	PULASKI WASHINGTON MC CREARY METCALFE METCALFE	2 8 2 3 3	37 07 37 41 36 43 36 53 36 53	84 37 85 14 84 29 85 43 85 40	1420 864	6P	6P 7A 7A 6P 7A	c	H RADIO STA WSFC WM. H. GOATLEY MRS GLADYS M. GRIFFITH CHAS. H. MC MURTREY TVA-684
	3358 3392 3430 3435	TRIGG BOONE CARTER GREEN GREEN	2 7 7 3 3	36 19 37 15 37 15	88 00 84 50 82 56 85 30 85 30		4P 6A 7A	4P 7A 6A 7A 7A		FISH + WLOLF. REFUGE CORPS OF ENGINEERS ALBERT G. SWAMAGAN HOWARD PICKETT LYNN 7. BLAKEHAN		TATHAN SPRINGS TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	7948 8066 8144 8179	WASHINGTON SPENCER MONROE 7RIGG ANGERSON	8 3 9 4		85 09 85 21 85 41 88 05 84 51	483 920 390 524		7A 7A 7A	С	R. C. DEDMAN MRS. KA7HRYN B. CARR STANLEY HURO TVA-680 CORPS OF ENGINEERS
GREENUP OAM 30 GREENVILLE 2 W HALEYS MILL HARTFORO 6 NW HAZARO	3451 3539 3652 3709	GREEMUP MUHLENBERG CHRISTIAN OHIO PERRY	7 3 3 3	36 37 37 12 37 03 37 32 37 15	82 51 87 12 67 20 86 54 83 12	429 869	5P	6P 6A	с	CORP OF ENGINEERS C. R. LOVELL CLEATUS E. BRINKLEY OAVIO K. CARSON H. A. BAILEY		UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANBUREN VANCEBURG OAM 32 WAYNESBURG 7 NE	8246 8250 8259 8486	UNION JESSAMINE ANOERSON LEWIS LINCOLN	8 7 2	37 46 37 51 37 58 38 39 37 25	67 57 84 26 85 10 83 21 84 36	571 558 529 1215	6 6P	6A 7A 7A 7A 7A	C	CORPS OF ENGINEERS CORPS OF ENGINEERS EDWARD B& STEVENS CORPS OF ENGINEERS MRS& RITA RIODLR
HAZARD WATER WORKS HEIDELBERG LOCK 14 HENDERSON 4 SW HERNOON HICKMAN 1 E	3741 3762 3798 3816	PERRY LEE MENGERSON CHRISTIAN FULTON	4 7 2 6		83 11 83 46 87 37 87 34 89 10	382 512	5 P 6 P 7 A	7A 6A 6P	C H	LEE J. HOGSTON CORPS OF ENGINEERS FRANK STREET C. W. KEATTS MRS. NELL S. CALVIN		WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK DAM	8724	MORGAN WHITLEY GRANT LEE RUSSELL	5 2 4 4 2	37 55 36 44 38 38 37 36 36 52	83 15 84 10 84 38 83 50 85 09	1010 914 649 585	0 8A 7A 8 8A	8A 7A 6A	BA C	MRS. ELIZABETH BROWN ESTIL M. MEAOOMS H HENRY NORTHCUTT CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS
HODGENVILLE NAT PARK HOPKINSVILLE	3837 3899 3929 3994	GRAVES JESSAMINE KNOTT LARUE CHRISTIAN	9 4 4 3 2	36 48 37 49 37 20 37 32 36 51	88 30 84 43 82 59 85 44 87 30	788	8A 7A	7A 6A 8A 7A	С			WDODBURY LOCK 4	8824	BUTLER	3	37 11	86 38	504		/A	C	CONF. OF EMPTIRECKS
JEREM I AH	4134 4165 4196 4255	LESLIE HARTIN BRECKINRIOGE BREATH17T LETCHER	1 3 4	37 10 37 52 37 53 37 33 37 10	83 23 62 32 86 17 83 23 82 56	646 795 1150	6P 7P	7A 6P 7P 7A 5P	н	JAMES O. MALONEY HOBERT ISON					-							1
KEENE 1 NME KENTUCKY OAM LA GRANGE 1 SW LAMCASTER LEITCMFIELO	4595	JESSAMINE LIVINGSTON OLDHAM GARRARO GRAYSON	4 9 7 4 3	37 57 37 01 38 24 37 37 37 29	84 38 88 16 85 24 84 35 86 18	1032	6P	7A 5A 6A 8A		HUGH W. BUFFIN TVA-379-A ALBERT V. HARDIN KENTUCKY UTILITIES CO. CLYDE STIKELEATHER												

\$ 1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, A-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT, 9-TENNESSEE

See Page 42 for Reference Notes

551.05 UNKE

U. S. DEPARTMENT OF COMMERCE

LEWIS L. STRAUSS, Secretary

WEATHER BUREAU

F. W REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

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UNIVERSITY OF ILLINOIS

ASHEVILLE: 1959

KENTUCKY - MAY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 96° on the 4th at Irvington

Lowest Temperature: 31° on the 17th at Manchester 4 SE

Greatest Total Precipitation: 12.73 inches at Addison Dam 45

Least Total Precipitation: 1.38 inches at Flemingsburg

Greatest One-Day Precipitation: 5.56 inches on the 22nd at Addison

Dam 45

SPECIAL WEATHER SUMMARY

The growing shortage of soil moisture was at least temporarily checked during May by general showers and thundershowers which began in most sections on the 10th or 11th and continued with only temporary dry periods through the balance of the month. Only two days were without precipitation in at least a portion of Kentucky during the period from May 10th through the 31st. May precipitation was well distributed to be of maximum benefit with larger amounts generally in the previously dry areas. The Western Division which had accumulated the greatest precipitation deficiency in the March-April period, received May rainfall averaging 1.45 inches above the monthly normal, with the Central Division receiving 1.16 inches above their May expectancy.

Below normal May totals were generall in the northern Blue Grass Division where several stations received total from 1 to 2 inches below their May normals, with the Eastern Division total of 4.26 inches being slightly above their normal. A new Kentucky record for maximum precipitation in a 24-hour period during May was established at Addison Dam 45, where 5.56 inches was measured as falling on May 22nd. Previous May record 24-hour rainfall in Kentucky was 5.02 inches at Paducah in 1943.

O. K. Anderson State Climatologist U. S. Weather Bureau Louisville, Kentucky

MAY 1353

		-		-	Temp	eralu	l n							T			F	10 (1)	(fai					
	-	T	- T			T		Ĭ			11	o al l	Days							u lloor		16		/0f
Station		10 mm	4 3	400 and 40	Detail e	10h 2	Care	Poets	() 41 0	**	Ma		AA .	3		Section 1.9	2 0	⊕ do	4 b	Was Jec	Dave Care	2 dr More	2403	400 E
WESTERN																						10	4	,
BLAVER DAM DENTON 2 FOROS FERRY DAM 50 GOLOIN POND 8 N GREENVILLE 2 W		82.3M 82.4 81.2 82.5 81.2M	58.4M 57.7 60.5 57.1 59.0M	70.4M 70.I 70.9 69.8 70.1M	4.7	93 91 95 94 91	5 5+ 5 5	40 35 39	16	42 36 34 40 42	3 2 3 2 1	00000	0 0 0 D	0000	6.08 2.58 8.17 5.81 6.01	4.70	1.30 .77 .02 1.70	12 18 27	•0	00000		10 11 9	2 6 3	1
HENOERSON 4 SW HICKMAN 1 E AM HORKINSVILLE AM LOVELACEVILLE MADISONVILLE 1 SE		80.3 82.9 81.7 81.8 81.5	59.6 59.5 58.8 59.9 58.6	70.0 71.7 70.3 70.9 70.I	3.9 3.7 3.8	92 94 92 93 92	5 6 6 5	39 40 38 37 37	16 16 16 16	39 32 40 35 40	4 4 2 3	0000	0 0 0	0 0 0	6.44 4.72 3.97 4.88	.72 .0D	1.37 1.25 1.50 .97	I 3 28 12 21	•0	0 0 0		10 8 8	6 4 2 4 3	1 1 0
MAYFIELD MURRAY DWENSBORD 2 W PADUCAH FAA AIRRORT PADUCAH		81.4 81.1 81.1 80.2 82.8	60.8 61.3 60.0 60.9 60.5	71.1 71.2 70.6 70.6 71.7	3 • 8 4 • 8	92 92 95 92 93	5 5 5 5	40 39	16 16 16 16	33 31 38 39 29	1 5 1 4	0 0 0 0	0 0 0	0000	3.84 4.67 8.23 4.13 6.49	•59 4•40 2•47	1.46 1.46 1.21 1.71 2.90	I 2 1 2 1 2 2 7	•0	0 0		8 11 9 8	9 2 5	2 3 1 2
PRINCETON RUSSELLVILLE		81.3M 82.3	58.3M 58.6	69.8M 70.5	3 • 1 4 • 3	90 93	4+	36 37		39 44	3 4	0	0	0	2.15 5.22 5.42	1.60	1.35	22	•0	0		9		
OIVISION CENTRAL				70.5	4.0									Ì										
ANCHORAGE RAROSTOWN S J RREP SCH RONNIEVILLE BOWLING GREEN FAA AR CAMPBELLSVILLE		78.0 81.5 80.6 81.3 81.1	57.2 58.5 57.4 58.4 58.3	67.6 70.0 69.0 69.9 69.7	2.6	89 92 91 93 93	5+ 5 5 5		16	62 53 50 47 51	2	00000	0 0 0 0	00000	5.07 4.57 4.62 4.32 4.12	1.05	1.92 1.54 .93 .95	12 27 13 12	•0	0 0 0		9 8 10 9 8	The second second	3 0 0 0 0 0
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG AN IRVINGTON	4	83.6M 82.3 80.5 81.4 81.6M	57.4M 56.6 57.7 56.5 58.2M	70.5M 69.5 69.1 69.0 69.9M	3.5	94 95 91 90 96	5 5 5 6+ 4	35 35	16 16 16 16	52 49 51 56 47	3 1 2	0 0 0 0	0 0 0 0	0 0 0 0	4.95 6.32 5.16 5.68 6.61	1.36	1.44 2.10 1.81 1.48 2.09	27 13 22 21 21	•0	0 0 0		100100100100100100100100100100100100100	4	2 2
LEITCHFIELO LOUISVILLE LOUISVILLE WB AP RMAMMOTH CAVE RARK ST JOHN BETHLEHEM ACAD AF	м	80.8 83.6 81.9 81.4 78.4	58.5 60.8 59.7 56.3 56.6	69.7 72.2 70.8 68.9 67.5	3.9 5.5 2.8	91 94 95 90 91	5 5 4 5 6	40 42 39 32 38	16 16	41 36 51 53 62	7 7 1 1	00000	0 0 1 0	0 0 0 0	7.11 4.18 4.42 5.27 5.33	3.18	2.36 1.10 1.13 1.24 2.02	22 13 12 26 21	•0	0 0 0 0		11		3 1 5 1 4 3 4 1 2 1
SCOTTSVILLE SUMMER SHAOE WOLF CREEK OAM	м	81.7 80.6 81.2	58.1 57.8 52.7	69.9 69.2 67.0		92 91 91	5	36 34 35	16	4.8 5.8 6.4	3 1	0 0	0	0 0	4.21 4.40 5.19		1.73 1.18 .96	26 29 23	•0	000		10		2 1 3 0
01v1s10N				69.4	3.8										5.09	1.16			.0					
BLUE GRASS													0	0	3.71	12	1.54	13	• 0	0				1 1
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRRORT R CYNTHIANA 2 ANVILLE A		81.2 80.4 78.0 80.1 79.6	58.4 57.5 57.7 55.2 56.6	69.8 69.0 67.9 67.7 68.1	5.4	91	2 5	31 31 31 31 31	7 16 5 16 4 16	58 76	8 4 6 2 5 1	0	0 0 0	0000	3 · 6 7 2 · 9 2 2 · 4 4 2 · 8 3	.38 53 - 1.31	1.03 .63 .83 .87	12 10 13 13	•0	0 0 0			8 9 7	3 1 1 0 1 0 2 0
DIX DAM FALMOUTH FARMERS FLEMINGSBURG 2 FRANKFORT LOCK 4 A	м	80.2N 80.7N 82.1 80.5 79.3				91	2 5 1 6 1 29	3	5 16 6 17 4 16	6 6	1 5 0 2 5 2	0	0 0 0	0	2 • 92 3 • 59 4 • 63 1 • 74 4 • 62	.61	1.26 .65 1.14	13 31 12 31	•0	00000	ć	1	9 4 0	2 0 2 2 0 3 1
MOUNT STERLING	М.	78.5 78.9 80.3 79.5 79.8	58.5 53.8 58.3 56.5 58.1	68.5 66.4 69.3 68.0 69.0		90	29	+ 3 + 4 3	5 16 0 15 8 16	8 5 + 6		0	0 0	0 0 0	2.9	1.12	1.33 .86 1.19 1.14	13 12 13	• 0	0 0 0			9	2 0 1 1 3 1 2 0
WILLIAMSTOWN 5 WSW A	M	78.1	54.8	66.5	1.	9	1 6	3	5 16	8	2 1		0	0			.83	14		-			2	2 0
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	A.M	81.5 83.6 80.1 80.7 82.0	54.0 54.0		М	9: 9: 9: 9: 9: 9: 9:	2 5 0 6 1 6	3 3 3	9 17 9 17 5 17 4 17	7+ 4	7 5 2	7 0	0 0	0000	4.4 4.1 3.8 5.7	5 2 8 4	1.35 1.17 1.20	13 13 13 13	•0	0		1	8 9 2 0 9	4 0 2 1 1 1 3 1 2 1
GRAYSON 1 SE	AM AM	80.7		67.1		9			8 17			3 (0 0				1.23						7	3 1
HEIDELBERG LOCK 14 R	M	82.6 80.7 81.1	53.2	67.0		9 9 9	0 6 2 5	3	7 1 6 1 6 1 7	7 6	1	5 (0 0	0	5 · 2 3 · 7	7 2	1.60	13	•0	0			9 9 8	3 2 3 1 5 0
LONDON FAA ALRRORT MANCHESTEP 4 SE MIDDLESEOPO MONTICELLO MOUNT VERNON		79.5 82.9 81.6 80.3 80.3	55.1 55.5 57.6	69.3 68.6 69.		9 9 9 9	3 5 2 5 0 5	3	7 15 1 1 8 1 8 1 15 16	7 4 7 3 5+ 5	7	1 (0 0 0	0 0	3 · 4 6 · 2 4 · 4	1 9 4	1.41 2.20 1.30	13	•0	0		1	7 1 9	2 1 5 1 3 1 3 0
						1													1					113

See Reference Notes Following Station Index

KENTUCKY

					Ten	peral	ure											Precip	oitation					
												No. o	Days	s					Sno	ow, Sleet		No	o of I	Days
Station		Average	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days		E 36		0° or Brlow		Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	, Date	10 or More	50 or More	100 or More
PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 VEST LIBERTY VILLIAMSBURG 2 DIVISION	A M A M	84.2 79.4 80.6 81.1 82.5	58.3 55.8 56.6 54.6 56.0	71.3 67.6 68.6 67.9 69.3	3.2	93 90 90 91 94	5+ 5 5 20+ 6	42 34 40 36 38	16 17+ 17	36 62 61 62 48	8 1 1 2 6	00000	0	0	4.49 2.96 3.00 3.81 5.18	•41 - 1•04 1•15 •27	2.77 .78 1.14 1.01 .99	13 13 23 31 31	•0 •0 •0 •0	0000		6 8 6 6 8	2 2 2 3 5	0 2 2

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve humi	idity ave	rages -		Numb	per of d	ays with	precip	itation			ınset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	.0109	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON WB AIRPORT	SSW	17	8.9	40	S	22	79	82	56	60	5	6	7	1	0	0	19	_	8.1
LEXINGTON WB AIRPORT	s	17	9.5	-	-	-	82	85	61	66	3	6	6	1	1	0	17	-	7.1
LOUISVILLE WB AIRPORT	s	16	9.0	44	W	13	79	84	58	59	4	4	4	4	1	0	17	56	7.2

1												Dov	of mon	nth																
Total	1	2 3		4	5 6	3 :	7 8	9	- 1	11	-	13	14 1	15	16	17 [1			1			23 2	24 1		1	_	1			31
12.73 3.63 4.06	.02	. 70				05			.12	.10	1	.65 .16					.10 .11		04	15	.01	. 66	.15	9	.26	. 90	. 12		44 .	. 27
5.07	-12			.09					-11	+04			.14				.23		18	.12					-16	.02 1	.03		.04	
4.67 4.65 4.57 4.12	.05 T			40		- 1			.17	.05	.07 .23 .06	.93	• 50	.07		T	.84	.06	33	. 76	.01 .17	. O 4 T		.02	.06 1	. 75 . 54 . 05			18	.45
6.08	. 24	.12							.22				. 51		-13	.02	.4D	.22		. 29		.11	.11				۰40			T
3.71	.19								•17 •10	.13		1.54	•2¥		•••	.05	.20 .18		. 32	.84	-16	Ŧ		.7A	*42 T	.14			. 36	1
4.62	RECOR	O M1551	No		•	. 10			.06	т	.45	. 93	•11			.29		.08	.05	.49	.28	.09	.12	.06	.35	. 30 T	. 25			.04 T
6.16	Ť								.06	.40	• # 2	0 S	-10			.12	.42				• OR	.03		.4R	.14	- 1		.47	т .	T •10
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3.67	•06				Ť	n			-12 T			.65	. 45	T			.16	•60		.10	.30		т						1	1.17
4.95	.09	.03			т	П	.05		.28		T	.77 1.43	•11 •16	• 02	т	.07	.10	.20	. 35	•48 •38	•17	.06 .88	т	01	.70	.18	.60		т	.19
2.92				.03				.06			.33	.40	-31	•01		T	.82		τ .45	.13	•12	.14		•04		.14		•03	.47	.19
2.34	.06 .05				T						.09	.79 .83 .87	•43 •45 •44		·03		•11	.03 .42		.17	.19 .29	.04	.39		•20	.10	.15 .07 .23	.30	7 .22	.06
3.26				• 15					Т	Т		1.23	•64 •17				•15 •32	.02	.03	T •07	•11 •58	.22	.06		+18 +49	T .08	.33 .22		.23	.17
7.44											.18 .26 .02	.74 .59	.19			т	.35	. 28			•06	1.30	. 35		.85 T	.61	1.63	.47		
4.97	,	.05			Ŧ				.06		•10 •38	.80 2.10	+30	¥.	т	т	.50 .25		+36	2.03	.38	.55			.22 .25	•20 •18	•15 T •75	1	.22	.15
3.51	• 25 T				Т				.06	T +12	•41 •39	1.60 .42 .59	.58 T .53		7		.22	•14	•15	.12	.05	•26 •13	.28		.65 .31	.25	1.08		. 35	T 1.26
1.38	3								Т	. 12	-12	1.18	•50 •18	т	•06	т	.05	*08 T	Т	-14 T	•22 T	·10		.29		* 06 T				.97
4.25	.13				.06				.32	T		1.54	10	T • 02	•06		3.02	.69	.13	•18	.02				1.00	.05	.83			1.14
3.63	1 -14	Т		.06	Т	1					.67	.55 1.57	.67 .27 .39				•18 •29 •04	.03 T .01	•09	1.02	.01	.08	. 28		.67	•10 •11	.32 .05	Ť	.49 .02 .10	.35 .10
2.4	7				.11				-10	0 .10)	.85	.47				.05	.22		.09	.21	.71			•10	1	•05			•50
5 - 10	6 .03	3			*11				* O E	• 0	.52	•90 •62 •51	•20 •10			.11	•57 •41	•16 •13	.03	1.10	1.81	.07 .25	*15	•03 •15	.27 .25	.12	.02	т	1.10	т
5 . 8	1				+02								•41	T		'	.04	• 32	. 30	.10	•17	•56			• • •	Т	• 62		.23	
5.6	RECO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ORD MISS	ING				.04		, O:		Э т	•54 •45 •55	•06 •05 •41		•05		.44 .42 .10	• 30 • 34	+01	1.48					.07 .06	.28 .18 .25	• 24 • 25 • 03			
6.0	1 .03	3									• 24	1.92	• 28			•05	.70 1.07	•48			•61 •42 •03	•31 •60	.21	T •04	.10	.16	1.71		.04 .48	
4.1	1 .05				т				- 1:	3 .0		1.77	•23	Ŧ	Т	. 24	.10 1.88	.05	•59	.52 1.50	•30 •32	•01	Т	•05	.97	•67	.33	•30	.01	
5.5	0 1 +19											•53 •75	•61 •18		•03		.09 .17	.14	•38	•09 •18	•43	.16 .04 1.56	.02		.20		•03	+14	•09 T •52	.32
4.7	2	Ţ							•0	2		1.58	+36				.37	•10	•13	•10	•04	1.12	.50		.01	.07	•02		.03	
3.7 6.6 2.7	2 1 •04 5 •08								•5	5	.60	1.40	•34	• 03		.06		•20	. 30 . 31	2.09		•02 •06 •10			•12	.13	•02 •10		1.05	.03
2.4	5 .13								T2		3 .30	.59	•25 •25				•42 •11	•01	† •07	.24	•16	T •10		,				T		•06
3.3	0 .04	4 3 '			•02						5 .6	1.20	• 40 • 45				.10 .23 .55	•20 •25	.08	-17	.15		.01						.02	
R 3.2	0 .04	4		Ŧ					T .3			+ 94	+30			.18	.65	• 25	.05	. 05	.30	.05		•16	.25	.40			1.33	
4.4	5 .1	8			.09			Ŧ			2 .2	6 67	.30			.01	•11 •75	•16	.70	•12 •54	•12	.52		.68	.33	. 50 T		Т	•03	1.11
4 • 1	8 -1	0			T • 11	•12		т	• 0	4 .5	0 1-1	2 1.10		т	.04	T	•29 •36	.16	.53	.61	.08	T		.09	T	.12			.09 T	•12 •04 2•01
8 • 6 3 • 9	• 21	0		.47		1.98		т	• 2	0 • 8	9 T	1.40				Т	• 35		. 33		•51			T	.50					
5 · 2 3 · 4 3 · 8	7 •0:	.28							•0	9	1.0	1.17	•19 •15			•22	•73 •52	•11	.14	.,,	. 46	.03	.02		1 · 24 · 35 · 15	.39 .23	1.46	.01	•07	
3 . 8	15 •1	1	•52				•29					1.53	• 31		,		.05	.64		•28 •74	•12	•51	т		.08	.17	.04		•06	.33
6.5	01 .0	2			Т						. 4	•77 0 1•65 •25	•51 •27	T	,		•51 •60	•07	• 06	•72 •41	•83	•42			• 40	.08	•19		1.30	.19
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F	5 12-17 12	Temperature Temperature	Description 1	The content of the	Description Description	Description Description	1 2 3 4 5 6	1 2 3 4 5 6 7 8	December 1	Description 1	Dec	Dec 1	Section 1	1	1		The content of the	1												

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ONEIOA ONEONTA OAM 35 OWENSBORO 2 W OWENSBORO OAM 46 PAOUCAH FAA AIRPORT	5.83 3.81 8.23 8.70 4.13	.36 T .08			• 20	•04	•	Т		.02	•10 •18		1.21	2.00 .52 i.01 1.12	•45 •51	T T • 01	T	T •18	•34 •02 •94 •70	• 22 • 36 • 75 • 75		•02 T •59 •68	.87	•18 •55 •92 •02	•10	т	.02 .40 .06 .24	.09 .38	.08 .39 1.10 1.05	•02	1.74 .50	т
PAQUCAM PAINTSVILLE PIKEVILLE PINEVILLE PRINCETOM	6.49 3.72 4.49 5.97 2.15	•53 •09 •02		•7	1)				+04	Т	T • 04		1.03 2.77 1.20		•01		**************************************	•11 •15 •16 •23	•64		•02 •44 •50	•03	•01 •05	т	•10	.09 .01 .09	2.90 .35 .18 .13 .36	•36	. 80 T	•23 •23	.72
RAVENNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA	3.32 4.14 4.84 5.22 4.90	.14				.32	? т				•15 T	•20	. 84		•28 •16 •08 •08	•01			•22 •26 •74 •16 •17	•26 •08	.04	•23 •36 •23 •55 •48	•48 •08 •04	•81 •23 •23	•11		•50 •64 •49 •68 •30	.07	.41 1.35 1.18	•35	•35	•24
ST JOHN BETHLEHEM ACAO SALVISA LOCK 6 SALVERSVILLE 2 SE SCOTTSVILLE SEBRÉE	5.33 3.20 6.27 4.21		_	-	_	_	-	-	_	•01	-	1.47		1.39 .68	•59	1.32	•14		.04 .18 .20	.03 .08	.60 .33	2.02		.09 .27 .78 .11	•11		.19 .50 1.30 1.73 .31	•05 T •05 •47	•04		.48	.08 1.65 .04
SHAWNEE STEAM PLANT SHELBYVILLE 2 W SHEPHEROSVILLE SOMERSET 1 N SPRINGFIELD	5.44 3.37 4.11 2.96 4.68					1.18 T	3				•98 •07 •11	•26	•06 •06	+92				•03	.08 .23 .16 .75	•33 •10 •22		•12 •17 1•00 •12 •52	•37 •23 •01	.05 .20		•08	•29	•14 •12 •05 •27	•33	•01	•11 T	
STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TAYLORSVILLE TURKEY CREEK SCHOOL	3.73 4.40 4.14 5.51 4.58					.02	?				•20 •13	•04 •25	•01	-40 -48 -29 2-05 1-22	T • 43			.04 .05	.54 .57 .38	•61 •17 •02	.05 .36 .04	.40 .07 .44 .22	•27	• 36 • 34 • 29		-10	•45 •27		•02	1.18	•25 •32 1•31	•35 •02 •12
TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANBUREN	3.47 7.90 3.49	•09 •11 RECO	RO M	IISS I N	5						• 29			.51 1.02 1.36			•01		•32 1•57 •18	•11 •92 •18	+18	•14 •31 •24	1.03	•0B	.01		•36 •07	•09 •06 T	.07 1.23		т	•06 •10
VANCEBURG DAM 32	3.00	•03											•07	1.00	•17		-		•11					1.14				• 31				
WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13	2.88 3.81 5.18 4.07 5.44	.04 .06 .10									•18 •02	. 32	•03	.71 1.00 .79 .80 1.70		+01 T	т	•46	.22 .09 .08 .17	7 7 •77 •12 •21	T	•26 •84 •14 •47	.09 .30 .10	•07	т		.05 .98 .06 .39	•13 •13 •07 •32 •11	•03 •62 •08		•14	1.01 .99 T
WOLF CREEK OAM WOODBURY LOCK 4	5.19 4.92	+10									•03		•19	•20 •66	•08				.42 .70	.88	•02 •06	• 42 • 80		•96 •15			.17 1.18	.88	•07 •96		•47	•17

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only to the June and December issues of this bulletin.

Montbly and seasonal snowfall and beating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the ladex, but for which data are not listed io the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin ars: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table and Min in "Evaporation" and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; coosequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of soowfall in the "Climatological Data" Table and the "Soowfall and Snow oo Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and icc. Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 bours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Soow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground walues are at 6:00 a.m., C.S.T In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. G "Soil Temperature" Table.

 B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

 J "Supplemental Data" Table.

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Soow on Ground" Table; and the Station Index.

 And also on an earlier date or dates.

 Pastest observed one minute wind speed. This station is oot equipped with automatic wind iostruments.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located

 Age is equipped with a windsheld.

 At This entry in time of observation column in Station Index means after rain.

 By Data based on observational day ending before noon.

 By Adjusted to a full month.

 By Advanced to snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

 By Advanced to snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to some and the station is sisting. If everge value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if

 Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data.)

 So This entry in time of observation column in Station Index means observation made near sunset.

 There an amount too small to measure.

 V Includes total for previnus month.

 Nobservation them is 1:00 a.m., EST of the following day.

 VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may he obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

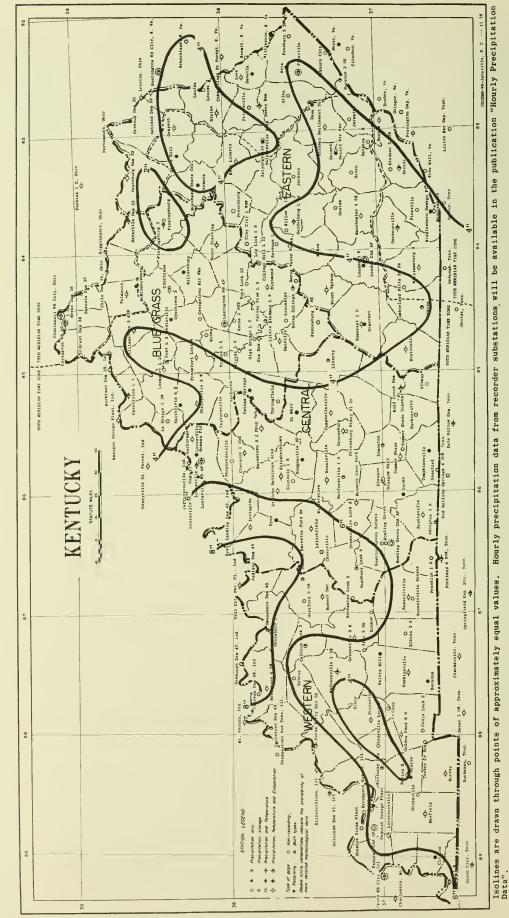
Informating concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Occuments, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Dureau stations may be found in the litest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

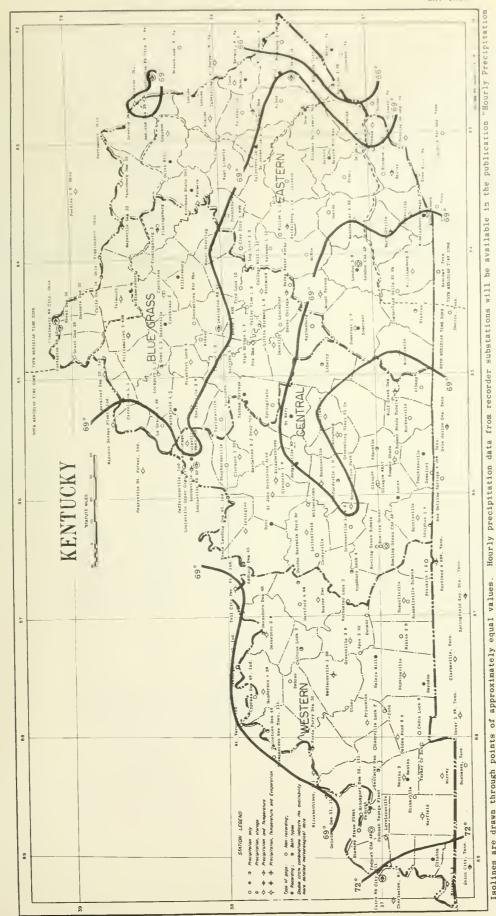
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ANHLANO DAN 29 MA				57			8 6									41	44 ()	40 *	57	1,17	52 (15 (17 (, ta	1	57	5.8	1.6	tete		67 6		5/04 N 1 0 6
BARBOURVILLE MA				91 56						- (- 1			14	6.0		b l	5 1	55 (54	9 (15 6	C	56	6 (1,0	6.5	ls ()	4 6 6 8	54 1	81.5
BARDSTOWN S J PREP SCH MA				61												61				60	6.7	66	52 (1 3 1	0	57	67	ti I	62	6,4	67 6	3 3	38.3
BARTER MA				8 7 5 3						00				4- 10		56 40			71						52	57	60	60	61	62		63	94.6
BEAVER DAM MA				59		93 61										62 43										60	64	64	5.8	65	68 6	67	58.4
BENHAM MA				83 58						79				88 58		54 37			71												60 6	60	80.7 54.9
BENTON 2 MA				87 57						5.2			78 63	79 57		63 41			55									65	60	62	65 6	66	57.1
BEREA COLLEGE MA		8 2 5 5	89 61	89 63	86 58					8 7 5 0			85 68	80 58	62 46	58 38			50						61					-		63	81 • 2 58 • 4
BLAINE MA		76 50	90 45	90						82			81 58	87 55	67 45	56 38			76	90 52								85 59					82.0 52.7
BONNIEVILLE MA	X.X	88	89 65	86	90 55					83			8 0 6 4	77 53	65 50	66 39			82	85 62		82 64			79 62			63					80 · 6 57 · 4
BOWLING GREEN FAA AP MA	λX	86 56	87	88	89					B2 57	82 64	84 65	80 64	79 57	59 44	63 43			85 55	87 63					79			76 63	90 60	87 65			81.3 58.4
CAMPBELLSVILLE MA	A.X	86 53	87 58	88	89 56	93	87			84	83 63		81	7B 61	65 49	59 39	65 37		82 52	87 65		81			80 61		0.5	79 66				63	81 • 1 58 • 3
CARROLLTON LOCK 1	ΑX	80	91	90	86 56	90	90			81	81 59	85 70	82	76 58	65 47	60 44	60 37		72 52	85 63		80 65			78 58	82 55		80 68				61	80 • 4 5 7 • 5
CLERMONT 1 SSE		84	91	90	92	94	90		77	85	82 64	86 69	87 68	80 60	69 48	63 36	67 34	68 39		86 52		85 66			85	85 56	84 65	84 66	90 59	89 63			83.6 57.4
COVINGTON WE AIRPORT MA	AX	76 51	90	87	83			-		81	81	82	69	75 50	51 43	55 41	62		72 51	86 63	77 67	77 67	87 63	78 63	74 57	84 55	83 67	76 66	85 61	88 66		87 64	78.0 57.7
CYNTHIANA 2	AX	80	78 49	89	89 53		90	89		72	85 58	82 65	85	76 61	78 45	54 41	60		69	75 58	87 63	77 63	82 60		84 57	77 50	83 62	84 65	80 58	86 60		88 63	80 • 1 55 • 2
DANVILLE	AX	85	81	89	88 57	89	91			74	85 52	82 65	82	80 62	78 46	54 38	57 37	65 40	65 50	79 52	87 56	76 65	78 62		82 61	78 54	77 57	83 65	76 62	86 63		81 62	79.6 56.6
OEWEY DAM	1N AX	52 80 44	78 47	90	89 55	90	90	87 56	88	74	82	85	87	85 62	77 50	54 39	52 38	65 38	71 45	76 53	8 0 5 7	86	82 61	86 61	82 63	76 52	86 54	85	86 62	87 64		79 65	80 • 7 53 • 5
OIX OAM	1N AX	77	88	88	88 56	90	86	86 62	75	84	85 72	82	80	77	74 47	55 40	64	68	75 51	86 63	86 66	74 66	85 63	80 64	61	77 55	83 66	82 67	85 63	84 65	81 66		80 • 2 59 • 1
EL12ABETHTOWN M	IN	82	58 81	86	94	95	88	82 60	76	83	87	85 68	86	72 61	69	60	68	68 39	83	85 57	85 65	84	83 59	82	81	85 59	85 64	84 67	87 55	85 61		88	82 • 3 56 • 6
FALMOUTH	1N AX	78	91	90	53 83	92	90	85	70	83	79 61	85 63	78	79 58	62	60	66	68 37	75 49	88	81 62	80	88 62	84	75 57	85 51	83 64	81	86 61	90 60	85 63		80 • 7 55 • 2
FARMERS M.	1N	79	88	89	55 87	55 91	91	56 85	74	84	85	87 57	83	79 62	75 45	58	64	72 36	75 50	88	87 60	81	87 59	85 60	82 59	84 57	84 61	84	86 62	88 59	80 62	84 65	82 • 1 55 • 2
FLEMINGSBURG 2 M	IAX	53	90	89	53 85	53 89	87	56 77 58		51 84 50	62 85 62	86	77 63	79 55	58 43	58	65	70 38	73 50	89	83 64	78 65	88	82 60	75 58	84 52	86 63	84 63	87 59	91 61	81 60	88	80 • 5 55 • 6
FOROS FERRY DAM 50 M	11N	52 86	90	89	90	95	86	83 57	77	84	86	82	72	76 62	69	60	70	65 52	81	85 67	79 66	88 67	82 65	79 67	73	86 61	86 67	77 64	89 60	87 66	85 69	81	81 • 2 60 • 5
FRANKFORT LOCK 4	41N	58 81	61 77	90	88	87	90	89	76	73	82	82	84	75 62	78 47	54	60	64	67	77	86	75 64	80 62	86 62	82	78 55	80 56	82	79 63	85 63		83 63	79 • 3 55 • 8
GLASGOW WKAY	AIN	86	52 86	53 85	55 88	55 91	87	80	75	82	82	85	82	78	67	61	65	66	84	87	79 67	82 66	83 62	81 62	76 60	83	83 63	80	87 59	84 63	80 65	80	80 • 5 57 • 7
GOLOEN PONO 8 N	XAP		63 89			59 94	87	57 85	77	85	84	63 86	76		73	63	68	69	86	85	81		85 62	82 64			85		86 59	87 62	83 66	82	82 • 5 57 • 1
GRAYSON 1 SE	MAX	54	58	57	55	60	60	56	47	53	63	50	62	28	46	40	"	40															
GREENSBURG	MAX		86				90	89	84			84			78	58	63	68 39	63	84	88	76 65	83	84 59	81		80 61			88 63	86 67	81	81.4
GREENVILLE 2 W	MIN	87	55 88	87	89	91	87	56 83	78	53	84	84	63		69	38 62	67	63	83	84	80 67	84	80 62	80	77	87	84	79		84		82	81.2
, n	MIN	57 80				92	90	58 88	48	83	63 82	85	84	80	77	45 57	67	68	79	89	86	80	86	83	80	82	82	83	87	88	81	86	82 . 6
,	M1N MAX	53 86	51	54	53	55 92	56 85	55 78	49 78	49 83	85	83	72	63 77	65	63	68		79	85	78	61 85	78	78	75	83	84	78 65	86	88	84	79	80.3
'	MIN	54	63	63	60	92	68	55 88	47 80	55 80	86			72	70	65	68	72	72	85	84	65 85	63 87	66 83	56 80 58	78 64	86 67	89	88	87	86	85	82 • 9
	MIN MAX	53	5.8		63	62	66 90	56 87	51 89	55°			63 86	59 85			58	65	73	76	89	84	80	82	81	75 52	85	84	84	85 59	88	77	80.7
	MIN	51	49	52	53	50	53	52 88	48 80	45 78	53	53	56 86	62 78	79		67	69	65	85	57 85	56 78	86	78	83	79		84	83	86	86	79	81.7
	M1N MAX	59	60	59	58	64	62 89	57 90		57 80			90	60 76			38	72	78	80	85	81	86	82	77	71	82	80	83	80	76	83	81.1
	MIN:	51	46	51	55	52	54	55 79	45	43	55	54	56	61	42		68		51 80	87	52 82	51 85	51 83	5 1 8 2	52 77	85	85	52 81	89	89	86	83	81.6
	MAX MAX	54	64	61	58	91	64	56	46	54	63	68		55	49		36		52 82	OI.		84	80	65 80	58 77	85	84	67 78	86	84	83	78	
	MIN	56					64	59		53						42	40	46	51	62	66	61	61	63	58	51	63	65	60	66	65	63	58.5
1					1						See	Refere	nce No	otes Fo	ollowin	g Statu	on Inde	×		,						1							

															1	Day	Of M	onth	_	_	_		_			_						П	- age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avero
LEXINGTON W8 AIRPORT	MAX MIN	76 55	88 59	88 64	84 60	88 66	87 65	78 53	70 47	83 51	82 65	85 66	76 64	78 54	54 41	56 40	64 39	67 45	76 52	87 66	72 67	78 66	85 64	8I 63	76 59	80 56	83 66	76 65	86 63	85 67	82 63	63	78 • 5 5 8 • 5
LONDON FAA AIRPORT	MAX	85	88	87	87	90	88	86	75	82	80	83	80	78	57	58	65	68	78	85	75	81	82	81	76	82	81	81	85	84	77	80	79.5
	MIN	53	54	56	52	60	60	56	51	54	51	61	64	55	46	37	39	38	52	58	65	63	61	58	61	58	61	63	61	63	66	65	56.2
LOUISVILLE	MAX	83	93	92	93	94	92	88	76	83	84	88	84	77	69	63	68	67	77	89	87	85	85	85	82	80	86	85	90	91	88	87	83 • 6
	MIN	56	60	64	64	67	68	64	51	56	66	71	67	56	50	44	42	46	50	60	68	66	67	66	60	60	60	69	64	69	69	65	60 • 8
LOUISVILLE W8 AP	MAX	80	94	93	95	94	92	72	76	84	85	87	74	77	57	61.	69	66	77	89	76	84	85	83	80	87	87	77	90	92	88	89	81 • 9
	MIN	56	58	64	59	66	66	57	50	56	68	68	65	5 7	45	42	39	.44	51	61	68	66	6 5	66	60	59	67	65	64	66	68	65	59 • 7
LOVELACEVILLE	MAX MIN	90 57	88 59	88	88 60	93 63	85 65	78 56	76 48	84 55	85 63	86 64	75 65	78 59	71 45	64 45	71 37	66 56	83 61	85 65	80 67	88 67	82 69	78 64	77 57	84 62	88 65	83 66	88 61	87 65	83 65	83 66	81.8 59.9
MA OISONVILLE 1 SE	MAX	87	89	87	90	92	90	84	78	81	84	85	81	81	70	62	68	65	83	85	78	85	82	80	77	85	83	81	85	85	82	81	81.5
	MIN	58	64	61	54	61	67	57	47	57	64	68	64	57	46	47	37	46	54	54	66	64	63	64	56	59	66	64	58	65	68	60	58.6
MAMMOTH CAVE PARK	MAX	88	88	87	89	90	89	83	79	83	83	85	84	78	68	62	66	65	81	88	82	84	78	80	80	84	85	82	88	85	81	77	81 • 4
	MIN	54	63	57	54	58	61	58	46	54	54	67	62	59	48	37	32	38	51	64	62	64	60	61	60	56	61	62	59	61	65	57	56 • 3
MANCHESTER 4 SE	XAM	87	91	89	90	93	90	. 87	81	82	84	87	85	79	63	60	68	72	82	89	79	83	86	85	79	85	85	88	8 8	81	83	88	82 • 9
	NIM	51	53	54	51	56	55	52	48	50	56	56	59	62	50	41	40	31	52	52	58	61	59	59	63	59	61	68	61	65	61	64	55 • 1
MAYFIELO	MAX	88	87	86	88	92	85	81	78	83	84	85	76	77	71	65	68	65	84	82	77	85	8 2	82	80	86	86	84	89	85	81	81	81 • 4
	MIN	62	64	65	65	64	66	57	49	56	65	66	65	57	46	46	38	55	57	67	65	66	68	63	58	61	66	64	66	67	66	66	60 • 8
MAYSVILLE OAM 33	MAX	80	76	90	88	83	90	88	75	69	83	84	85	73	78	53	59	62	68	73	89	82	77	87	83	72	81	85	81	80	88	83	78.9
	MIN	48	48	52	56	54	55	57	46	48	52	61	63	62	45	40	35	37	41	53	61	62	61	61	58	48	52	65	61	61	60	64	53.8
MIOOLESBORO	MAX	82	87	86	89	92	88	87	83	77	8 0	84	84	80	77	61	68	73	77	87	85	81	85	82	83	80	82	83	87	84	79	77	81.6
	MIN	52	51	58	51	51	59	56	52	50	54	57	58	63	50	39	40	38	52	54	62	63	60	57	63	57	60	61	62	61	65	64	55.5
MONTICELLO	MAX	84	87	86	87	90	8 6	84	79	86	79	83	82	79	62	62	66	70	81	86	81	80	83	80	80	78	80	80	86	85	75	83	80 • 3
	MIN	54	56	57	52	58	63	57	48	52	63	69	69	62	49	35	35	37	54	65	64	66	62	60	60	57	65	65	60	63	65	65	57 • 6
MOUNT STERLING	MAX MIN	77 53	88 56	88 64	87 60	88 60	87 64	84 62	77 47	83 50	83 63	85 63	75 66	82 60	70 44	58 40	63	68 42	73 49	87 62	83 65	73 65	85 62	81 67	80 59	80 54	82 64	82 65	88 67	88 63	82 65	83 63	80•3 58•3
MOUNT VERNON	MAX	84	88	87	87	91	87	82	75	83	82	84	78	78	60	58	66	69	80	82	88	78	85	81	77	80	82	80	86	85	80	85	80 • 3
	MIN	55	56	57	52	61	60	59	48	54	60	64	64	60	46	35	36	37	50	60	63	65	60	63	60	55	55	64	60	61	66	63	56 • 4
MURRAY	MAX	89	89	87	89	92	88	80	77	83	87	86	75	78	69	65	65	65	84	85	79	85	82	83	77	80	80	85	86	86	79	79	81.1
	MIN	65	66	63	63	63	66	58	52	56	66	68	64	58	46	46	45	55	60	63	66	66	69	63	59	63	66	66	62	67	6 7	63	61.3
OWENSBORO 2 W	MAX	90	92	91	92	95	88	80	80	84	86	86	75	72	65	61	68	63	79	84	78	85	83	80	78	86	81	73	87	86	86	80	81 • 1
	MIN	57	62	63	59	63	65	56	50	56	65	70	66	61	48	48	40	48	54	62	67	66	62	67	56	61	65	67	60	63	69	64	60 • 0
PAOUCAH FAA AIRPORT	MAX	89	88	85	87	92	85	76	76	84	85	85	70	76	63	63	67	65	85	83	78	86	80	76	77	83	86	81	88	85	81	81	80 • 2
	MIN	56	64	66	65	65	69	57	51	58	64	68	63	57	44	44	39	57	58	68	67	68	69	63	56	62	67	65	61	66	66	66	60 • 9
PAOUCAH	MAX	91	90	89	89	93	90	83	78	83	86	84	75	78	74	66	71	66	85	85	80	87	84	81	80	85	88	85	87	88	83	83	82 • 8
	MIN	56	61	61	61	64	68	55	51	58	64	68	65	61	45	44	38	55	58	68	66	68	68	63	56	61	66	66	62	65	67	65	60 • 5
PIKEVILLE	MAX	82	91	93	93	93	90	89	82	82	88	90	87	80	63	61	68	75	78	92	86	87	85	85	79	89	87	88	89	91	81	87	84 • 2
	MIN	53	55	56	61	57	59	62	54	49	60	61	64	63	53	42	42	42	53	57	60	65	62	65	65	56	67	60	66	64	67	67	58 • 3
PRINCETON	MAX MIN	90 55	90 55	88 56	90 56	87 59			79 50	82 56	85 65	86 65	80 60	77 58	66 46	66 44	72 36	64 50	84 56	84 60	84 67	85 67	80 62	80 66	80 58	85 61	84 66	80 64	86 59	85 64	80 68	80 61	81.3 58.3
RICHMONO	MAX	82	80	88	88	87	90	88	84	74	84	82	84	81	77	53	57	60	68	78	87	74	77	85	81	78	86	84	79	85	86	77	79•5
	MIN	53	55	59	55	60	61	60	48	50	55	63	65	62	46	38	38	40	50	52	63	64	59	62	61	53	62	64	62	62	6 7	63	56•5
RUSSELLVILLE	MAX	91 59	90 62	88 61	90 56	93 58	89 56	80 59	79 48	83 57	84 62	87 70	80 64	80 60	63 49	64 42	69 37	65 44	85 53	87 65	88 66	86 65	82 64	82 64	79 59	88 60	84 64	80 63	88 59	86 63	79 66	82 61	82 • 3 58 • 6
ST JOHN BETHLEHEM ACAO	MAX	83	84	88	86	88	91	89	74	75	82	81	84	76	75	57	61	66	62	79	75	75	80	79	79	76	82	81	. 78	83	83	79	78 • 4
	MIN	52	59	58	54	60	60	60	49	53	56	61	65	61	49	38	39	42	43	55	60	63	65	60	56	59	62	66	60	62	65	6 3	56 • 6
SCOTTSVILLE	MAX	88	88	87	90	92	88	81	75	79	84	86	83	80	64	63	67	68	86	88	80	84	83	83	78	88	84	82	86	85	81	82	81.7
	MIN	56	62	60	58	60	65	59	49	54	60	65	62	54	48	39	36	43	54	60	66	65	63	62	59	60	62	64	62	65	68	6 2	58.1
SHEL8YVILLE 2 W	MAX	79	89	87	89	92	89	83	74	81	80	84	82	75	65	57	64	67	74	85	82	80	83	80	78	82	81	79	83	84	83	82	79 • 8
	MIN	53	57	60	56	63	66	60	47	52	64	66	66	59	47	41	37	42	50	63	66	65	62	63	57	56	66	66	62	64	63	61	58 • 1
SOMERSET 1 N	MAX	83	87	85	87	90	86	84	74	83	79	82	82	78	57	58	65	69	80	85	77	79	83	81	78	77	81	80	85	85	76	84	79 • 4
	MIN	51	53	55	50	61	61	53	48	53	61	58	65	60	44	36	34	38	50	60	63	63	59	60	61	57	61	64	59	61	66	64	55 • 8
SUMMER SHAGE	MAX MIN	87 60	88	87 58	89 55	91 60	8 8 63	82 57	77 50	85 56	83 62	86 66	82 64	78 56	59 47	52 36	67 34	69 40	86 59	88 56	75 67	83 65	83 63	82 60	78 60	83 62	81 62	76 63	85 60	87 63	79 65	82 62	80+6 57+8
VANCEBURG OAM 32	MAX MIN	75 53	86	89 57	88 52	90 56	88 59	85 59	69 49	81 52	87 65		75 63	78 59	60 42	60 45	62 40		72 50		87 62		86 62		75 60	83 51		83 64				87 65	80 • 6 5 6 • 6
WEST LIBERTY	MAX MIN	81 53		89 53	89 53	89 52	91 55	88 54	85 45	73 49	80 54	86 55	88 62	82 62	78 46	53 41	58 41	66 36	70 50	77 53	91 59	82 60	83 59	88 58	84 59	76 51	86 60	84 60	84 66	86 69	87 66	81 64	81+1 54+6
WILLIAMSBURG 2	MAX	82	88	92	92		94 59	91	89 50	82 53	82	82 63		85 63	83 51	59 39		71 38	72	80 54	80 64	75 64	83 60	82 58	86 61	82 59	83 62	84 62	82 60	90 61	89 64	78 64	82+5 56+0
WILLIAMSTOWN 5 WSW	MAX MIN	79 49	78	88	88	84	91 62	87	70 45	69 45	82 50	81 62	83 63	72 60		52 41		65 36	68 48	74 51	85 65		79 61	86 62	79 56	75 52		79 64	76 60	84 61		86 61	78 • 1 54 • 8
WOLF CREEK OAM	MAX MIN	84	87	89	89 49	88	91 55	90	85 46	80 48	87	84 66	85 59	82	81 49	58		68 36	69 38	84 38	86 60	82 61	79 59	82 56			74 58	82 62		88 61			81 • 2 52 • 7
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Station		1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	16	19	20	21	22	21	24	25	26	27	28	29	3()	31	Ang A
DEWEY DAM	KVAP W1ND	-		.10			. 22	.13	.18 155	. 33	. 16 89	, 20 134	. 21 151	.14 158	.15	.09	.12	.10	, 00 6	.08	.12	.13	15 78	. 17	.17 23	.18	12	18	.43	, 23 3	.17	.12 10	84.98 81487
DIX DAM	EVAP					.17	. 27 64	.17	.42 69	.25 82	,30 87	.26 115	. 21 74	.08 35	.23 85	.11 65	. 06 64	.08	.17 52	.09 42	. 24 30	.01 28	.08	,11 36	. 28 34	.18 75	. 07 60	, 20 53	.10 31	. 20 23	17 18	. 12	5,55 1523
MADISONVILLE 1 SE	EVAP W1NO				. 36 30		. 24	. 36 91	.32 76	. 33	. 06 97	. 28 115	.14 67	.06	.30 145	. 14 78	.15 70	.14 35	.11	,08 61	. 21 68	.13	,30 68	. 21 48	. 28	. 30 61	. 01 63	.05 62	. 13 56	. 27 24	.14	, 29 32	6,60 1851
WOLF CREEK DAM	EVAP W1ND			. 24 21	. 26 18	.22	,23 16	. 29 25	. 29 38	.27 40	. 23 61	, 27 71	.22	,17 28	. 22 31	, 28 33	.08 20	.10 30	.00	, 25 35	.12	55	16			.18					. 24		85,68 843





Isolines are drawn through points of approximately equal values. Data".

STATION INDEX

																								KENTUCKY MAY 1959
	NO.		GE t	305	300	NOF	OB	TM	VATI AN	ON D				Ñ.		GE 1	305	TUDE	NOL	OB 1	TABL	AND	N	
STATION	RADEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECUP.	EVAP.	SPECIAL GUR BOTTE	OBSERVER		STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	SPECIAL	GER HOTH	OBSERVER
ADDISON DAM 45 ADOLPHUS 1 N ALBANY 4 N ALLEN ANCHORAGE	0D43 0D63	BRECKIMRIDGE ALLEN CLINTON FLOYD JEFFERSON	7 3 2 1 7	3T 55 36 39 36 45 37 35 30 16	86 34 86 16 85 06 82 43 85 33	1000		6A TA 7A 8A 7P		c	CORPS OF ENGINEERS IDELL M. DEARING MRS.BARBARA N. COOL HANNIE AUKIER C. E. BARRET		LEXINGTON WB AIRPORT LIBERTY LITTLE HICKHAN LOCK B LOCKPORT LOCK 2 LOGLICK 1 S	4746 4755 4825 4857 4882	FAYETTE CASEY JESSAMINE HENRY CLARK	3 4 4	36 D2 37 21 37 45 38 26 37 51	84 36 84 55 84 35 84 58 84 02	979 772 560 485 773	5	MID TA 7A 6A	ccc	HJ L	U-S- WEATHER BUREAU PALLIA F- HANKLA CORPS OF ENGINEERS CORPS OF ENGINEERS HUBERT BURGHER
APEK 2 NE ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BAKTER	D254	MUHLENBERG BOYD KMOX NELSON HARLAN	3 7 2 8 2	37 08 38 27 34 52 37 48 36 51	87 19 82 36 83 53 85 28 83 20	1000	6P	6P		C H	SPENCER PROWSE CORPS OF ENGINEERS UNION COLLEGE ST. JOSEPH PREP. SCHOOL C. MOMER MOLAN		LONDON 3 W LONDON FAA AP LOUISA LOUISA 2 LOUISVILLE	ARGR	LAUREL LAUREL LAWRENCE LAWRENCE JEFFERSON	2 2 1 1 7	37 08 37 D5 38 07 38 07 38 14	84 08 84 05 82 37 82 36 85 46	1277 1191 582 585 462	MID 6P	M1D 8A 6P	c c	· H F	CITY OF LONDON FED. AVIATION AGENCY CHARLES F. BRANHAM HAROLD C. FERGUSON LOUISVILLE G. + E. CO.
BEAVEN OAM BENNAM BENTOM BENTOM 2 BEREA COLLEGE	0595 D611 0615	ONIO HARLAN HARSHALL HARSHALL HADISON	3 2 9	37 25 36 58 36 51 36 51 37 34	86 52 82 57 88 20 88 20 84 18	158 39 30	8A 5P	8A SP		н с с н	E. G. YOUNG C. C. WHITEAKER JAMES H. MILLER RADIO STATION WCBL JAMES A. GROSSHAN	•	LOUISVILLE BOWHAN FLD LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS	4951 4954 4955 4967 5002	JEFFERSON JEFFERSON JEFFERSON BALLARD BARREN	7 7 7 6 3	36 13 30 11 30 17 36 58 36 53	85 40 85 44 85 48 88 50 86 02	556 474 403 370 738	MID	64	cc	HJ L	CORPS OF ENGINEERS U.S. WEATHER BUREAU CORPS OF ENGINEERS BLAINE MALONE WILLARD E. FOSTER
BENEA WATEN WORKS BLAIME BLEDSOE 2 SSE BOMNIEVILLE BOWLING GREEN	D752	HADISON LAWRENCE HARLAN HART WARREN	1 4 3 3	37 33 38 02 36 54 37 23 37 00	84 15 82 50 83 20 85 54 86 26	1870	6P	TA			MRS. LAURA B.GABBARD A. EMOCH WHEELER MRS VIRGINIA NOLAN HAROLD WALTERS JAMES R. EDWARDS		HADISONVILLE 1 SE HAMMOTH EAVE PARK MARCHESTER 4 SE HAYFIELD HAYSVILLE DAM 33	15230	MOPKINS EDMONSON CLAY GRAVES MASON	3 4 6 T	37 19 37 11 37 06 36 44 38 38	87 29 86 06 83 43 88 39 83 42	439 800 850 364 515	5P 6P	TAI	TA C	н	HOMER WELBORN, JR. NATIONAL PARK SERVICE MORA S. WHITE HAYFIELD ELEC.+ WTR.CO CORPS OF ENGINEERS
BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENT DAN 36 BROWNSVILLE LOCK 6 BURDINE 2 NE	0907 0909 0976 1046	WARREN WARREN CANPBELL EDNONSON PIKE	3 7 3	37 01 36 58 39 03 37 12 37 13	86 26 86 26 84 25 86 16 82 35	534	MID	5A H1D 7A 7A 8A		н	TVA-639 FED. AVIATION AGENCY CORPS OF ENGINEERS ELDRIDG SKAGS EDWIN E. JOHNSON		MC KEE MC KINNEYSBURG META MIDDLESBORO NIDDLESBORO SEWAGE PL		JACKSON PENOLETON PIKE BELL BELL	2 5 1 2 2	37 26 38 36 37 34 36 37 36 38	84 00 84 16 82 27 83 43 83 43	1000 662 730 1130 1130	2	7A 7A	c	н	MRS.WINNIE W. MORAN RICHARD T. SYDNOR CHARLES NURRAY MRS. LELA M. HERRELL CITY OF MIDDLESBORO
BURKESVILLE CAD12 LOCK E EALHOUN LOCK 2 CAMPBELLSVILLE CAMETVILLE	1131 1206 1227	CUNBERLAND TRIGG MC LEAN TAYLOR GRAYSON	2 2 3 3 3	36 41 36 46 37 32 37 20 37 25	85 22 8T 58 87 16 85 21 86 30	424	6P	TA 7A TA 6P 7A		СН	MARVIN M. LEE CORPS OF ENGINEERS CORPS OF ENGINEERS ALVA MC KINLEY G. V. COX SR.		NIDWAY MILLERSBURG MILLERSTOWN MONTICELLO MOREHEAD STATE COLLEGE	5407 5430 5438 5524 5555	WOODFORD BOURBOM GRAYSON WAYNE ROWAN	4 5 3 2 5	38 09 38 18 37 27 36 50 38 11	84 41 84 09 86 03 84 5D 83 26	T89 584 964 774	9 8 0 6P	TA TA	c	H	CITY OF MIDWAY DAVIO C. BAILEY OVA N. LAWLER ALVIN L. BERTRAM INACTIVE 9/5T
EARROLLTON LOCK 1 CLAY CITY 1 WNW CLEMONT 1 SSE CLINTON COBB	1576	CARROLL POWELL BULLITT HICKHAN CALDWELL	4 8 6 2	38 41 37 52 37 55 36 41 36 59	85 11 83 56 85 40 89 00 87 41	474	50	6A TA 5P		c c	CORPS OF ENGINEERS JOEL W. MOUNT? BERNHEIM FOUNDATION WOODSON D. FRANKLIN MRS BENNIE B. WHITE		MOUNT STERLING MOUNT VERMON MUNFORDVILLE 1 N MURRAY OLIVE HILL	5694	MONTGOMERY ROCKEASTLE HART CALLOWAY CARTER	5 2 3 9 7	38 04 37 21 37 16 36 36 38 18	83 56 84 20 85 53 86 2D 83 11	930 113 630 62: 77:	6 2 6P	7A:	c	н	FRED CARTMILL CITY OF MT. VERMON EDWARD A. RICHARDSON MURRAY STATE COLLEGE EARL R. NADDIK
COLLEGE HILL LOCK 11 COVINGTON WB AIRPORT CUMBENLAND FALLS ST PK CYNTHIANA CYNTHIANA 2	1855 1965 1998	ESTILL BOONE WHITLEY HARRISON HARRISON	4 7 3 5 5	37 47 39 04 36 50 38 23 38 23	64 06 64 40 84 19 84 18	869 1070	MID	5P		СНЈ	CORPS OF ENGINEERS U-S. WEATHER BUREAU KY- OEPT- OF CONS. HARSMALL HILL KY- CARDIMAL DAIRY		OLMEY ONEIDA ONEONTA DAN 35 OWENSBORO 2 W OWENSBORO DAM 46	6028	HOPKINS CLAY CANPBELL DAVIESS DAVIESS	7 4 7 T 7	3T 14 37 16 38 58 37 46 37 4T	67 4T 63 39 64 16 87 09 87 08	51:	0	8 A 7 A 7 A 7 A 6 A	c	- "	MELVIE PARLEE MEIS2 MRS. ANMA L. BROWN CORPS OF ENGINEERS VIRGIL D. CLARK CORPS OF ENGINEERS
DANVILLE DAVELLA DELPHIA 1 E DEHA DEWEY DAM	2139	BOYLE B HARTIN PERRY KNOTT FLOYD	1 1 1	37 39 37 48 37 02 37 25 37 45	84 46 82 32 83 07 82 48 82 47	856		84		c C	R. P. COLDIRON MRS. EVA M. DAVIS BALLARD F. MALKER, JR. HATTIE B. BARNEY CORPS OF ENGINEERS		PADUCAH FAA AIRPORT PADUCAH PADUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE	6115 6117 6136 6363	MC CRACKEN NC CRACKEN MC CRACKEN JOHNSON PIKE	7 7 7 1	3T 04 37 06 37 06 37 49 37 29	86 46 88 37 86 36 82 48 82 31	34	0	5P	c	н	FED. AVIATION AGENCY WESTERN P. LACKEY CITY OF PADUCAH JESSE FAIRCHILD U.S. WEATHER BUREAU
DIK DAM DUNDEE BANRETTS FORD BR DUNMOR DUNMOR DYER EDDYVILLE LOCK F	2350 2360 2391	MERCER OHIO MUHLENBENG BRECKEMRIDGE	3 3 3 2	37 48 37 33 37 05 37 43 37 03	84 43 86 43 87 00 86 13 88 05	444		7A 7A 7A		с с н	PHILLIP O+ TMACKER JESSE L+ HUFF N+ D+ GIVENS LEHA BLAIR CORPS OF ENGINEERS		PINEVILLE PRINCETON RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3	6384 6575 6679	BELL CALDWELL ESTILL MADISON OHIO	2 2 4 4 3	36 45 37 06 37 40 3T 44 3T 13	83 42 87 53 83 57 84 18 86 54	63 108	9 5F 4 5 8A	7A			FOLEY PARTIN ALTON M. HARVILL CORPS OF ENGINEERS THOMAS C. HERNDON CORPS OF ENGINEERS
EDMONTON ELIZABETHTOWN ELIKHORN CITY ELKTON 2 S FALMOUTH	2469 2510 2520 2540 2779	METEALFE HARDIN PIKE 7DDD PENDLETON	3 1 2 5	37 00 37 41 37 18 36 47 38 40	85 52 85 52 82 21 87 10 84 20	2 22	6P	TA		c	JOHN E. MORAN RADIO STATION WIEL EDMOND O. BENNETT S. RICHARD ANDERSON FRANK H. LAWSON		RUSSELLVILLE RUSSELLVILLE SUBSTA SADIEVILLE S7 JOHN BETHLEHEM ACAD ST. HARY	7049 7054 7074 7091 7096	LOGAN LOGAN 5COTT HARDIN NARION	3 3 4 8 8	36 51 36 50 38 23 37 42 37 35	86 53 86 54 84 33 85 59 85 21	59 57 79 77 74	6	7A 7A	c	H :	WM- B. PORTER TVA-683 LAWRENCE ROGERS SISTER MARY B. BUT2 JOHN B. BAUER
FARMERS FLENINGSBURG FLENINGSBURG 2 FORD LOCK 10 FORDS FERRY DAM 50	2791 2901 2901 2951 2961	ROWAN FLENING FLEMING HADISON CRITTENDEN	5 5 4 7	38 09 38 25 38 25 37 54 37 28	83 43 83 45 84 16 88 06	3 66 3 8T 5 91 6 66 5 35	6P	6A		н с с н	MRS. C. C. STAMPER MRS. JEAN FLEMING WILLIAM H. FISCHER CORPS OF ENGINEERS CORPS OF ENGINEERS		SALVISA LOCK 6 SALVERSVILLE SALVERSVILLE 2 SE SCOTISVILLE SEBREE	7134 7215 7234	WOODFORD HAGOFFIN HAGOFFIN ALLEN WEBSTER	4 5 5 3 3	37 56 37 45 37 44 36 45 37 36	87 32	34	9 D O 5F	6A 7A 5P 7A	c		CORPS OF ENGINEERS STANLEY GARDNER FORREST C. WILLIS MOBLE ALLEN PAUL D. TOMPKINS
FRANKFORT LOCK 4 FRANKLIN 1 E FNEEBURN 2 SW FRENCHBURG GAHALIEL	3036 3046 3D5	FRANKLIN SIMPSON PIKE MENIFEE MONROE	4 3 1 5	38 14 36 43 37 33 37 57 36 38	84 52 86 34 82 10 83 39 85 46	69		64 T/ 84			CORPS OF ENGINEERS MRS KATIE 0. NEAL MRS ALTA S. GOOSLIN INACTIVE 11/58 E. GUY DECKARD		SHAWNEE STEAM PLANT SHELBYVILLE 2 W SHEPHERDSVILLE SMITHFIELD 4 S SOMERSET	74T	MC CRACKEN SHELBY BULLITT SHELBY PULASKI	7 8 8 8 2	37 09 38 13 36 0D 38 20 3T 06	88 47 85 16 85 44 85 16 84 31	86	2	7A 7A 7A	c		TVA-709 NRS. WILLIE S. RATTA OVIO K. MAGRUDER F. W. SIMPSON CORPS OF ENGINEERS
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENDALE 1 E	3194 320 324 324 325	SCOTT B HENRY B BARREN B BARREN HARDIR	3 3 3	38 12 38 25 3T 00 37 0D 3T 36	84 53 84 53 85 55 85 55	88 499 781 8D 711	1 6P	8# 7# 6F 7#		СН	WILLIAM F.BRAMBLETT CORPS OF ENGINEERS EMILY M. BEAM RADIO STATION WKAY DEWEY S. HILL		SOMERSET 1 N SPRINGFIELD STEARNS SUMMER SHADE SUMMER SHADE SUMMER SHADE SUBSTA	7604 7671 7800	PULASKI WASHINGTON MC CREARY METEALFE METEALFE	2 8 2 3 3	37 D7 37 41 36 43 36 53 36 53	84 37 85 14 84 29 85 43 85 40	142	8	6P TA TA 6P 7A	c		RAOIO STA WSFC WM+ H+ GOATLEY MRS GLADYS M+ GRIFFITH CHAS+ H+ NC MURTREY TVA-684
GOLDEN POND 8 N GRANT OAN 38 GRAYSON 1 SE GREENSBUNG GREENSBUNG HIWAY 61 BR	2261	TRIGG BOONE EARTER GREEN GREEN	2 7 T 3	36 54 38 59 38 19 37 15 37 15	88 00 84 50 82 56 85 30 85 30	50		45 74 64 74	i.		FISH + WLOLF. REFUGE CORPS OF ENGINEERS ALBERT G. SWANAGAN HOWARD PICKETT LYNN T. BLAKEMAN		TATHAM SPRINGS TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYROME LOCK 5	8060 8144	WASHINGTON SPENCER MONROE TRIGG ANDERSON	8 9 . 4	3T 52 3B 02 36 42 36 45 30 D2	85 05 85 21 85 41 88 05 84 51	48 92 39	0	7A 7A TA	c		R. C. DEDHAN MRS. KATHRYN B. EARR STANLEY HURD TVA-680 CORPS OF ENGINEERS
GREENUP DAM 30 GREENVILLE 2 W MALEYS NILL HARTFORO 6 NW MAZARO	344 345 353 365	GREEMUP MUHLENBERG CHRISTIAN ONIO PERRY	T 3 3 3 4	36 37 37 12 37 03 37 32 37 15	82 51 87 12 87 20	53 51 74 4 42 8 86	5 P	77 56 84		c	CORP DF ENGINEERS C. R. LOVELL CLEATUS E. BRINKLEY DAVIO K. EARSON H. A. BAILEY		UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANBUREM VANCEBURG DAM 32 WAYNESBURG T NE	8246 8256	UNION JESSANIME AMDERSON LEWIS LINCOLN	8 7 2	37 46 37 51 37 58 38 39 31 25	84 26 85 10 83 21	55	5 64	6A 7A 7A 7A 7A	, c		CORPS OF EMGINEERS CORPS OF EMGINEERS EDWARD B. STEVENS CORPS OF EMGINEERS MRS. RITA RIDDER
HAZARD WATEN WORKS HEIDELBERG LOCK 14 HENDENSON 4 SW HERNDON HICKMAN I E	3714 374 376 376 379 381	PERRY LEE HEMDERSON CHRISTIAN FULTON	4 T 2 6	3T 15 37 33 37 4T 36 44 36 34	83 44 87 3 87 34 89 16		5 P			C H	LEE J. HOGSTON CORPS OF EMGIMEERS FRANK STREET C. W. KEATTS MRS. MELL S. EALVIN		WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WILLOW LOCK 13 WOLF CREEK OAM	8551 8705 8714 8724 8807	HORGAN WHITLEY GRANT LEE RUSSELL	5 2 4 4 2	38 38	84 10 84 38 83 50 85 09	101	0 8/	TA 6A	BA C	н	MRS. ELIZABETH BROWN ESTIL M. MEADOWS HEMRY MORTHCUTT CORPS OF EMGINCERS COMPS OF ENGINEERS
HICKSVILLE HIGH BRIDGE LOCK 7 HIRDHAN SETTLEMENT SCH HODGENVILLE HAT PARK HOPKINSVILLE	382 383 389 389	I GRAVES 7 JESSAMIME 9 KMOTT 9 LAMUE 6 CHRISTIAM	9 4 4 3 2	36 48 37 49 37 20 31 32 36 51	88 36 84 43 82 59 85 44 87 36	0 44 3 54 9 108 4 78 0 54				СН	TVA-679 CORPS OF ENGINEERS HINDHAN SETTLEMENT SCH. MATIONAL PARK SERVICE MEWELL F. SMITH		WOODBURY LOCK 4	8824	BUTLER	3	37 11	86 36	50		7A			CORPS OF ENGINEERS
HYDEN 1NEZ INYINGTOM JACKSON JERENIAN	4134	B LESLIE HANTIM BRECKIMRIDGE BREATHITT LETCHER	1 3 4	37 10 37 52 37 53 37 33 37 10	83 23 86 1 83 23 82 56	3 - 2 63 7 64 3 79	7P	7/ 66 76 7/ 56		н	MRS. FERM F. ELAM UNITED FUEL GAS COC FLOYO G. ROBBINS JAMES O. MALONEY MOBART ISON													
KEEME 1 MME KENTUCKY DAM LA GRANGE 1 SW LANCASTER LEITCHFIELD	441 459 462	9 JESSAMINE LIVINGSTOM 5 OLOHAM 0 GARNARO 3 GRAYSON	4 9 7 4 3	37 57 37 01 38 24 37 37 37 29	84 34 88 16 85 24 84 35 86 14	6 36		7/ 5/ 6/ 8/	i.		HUGH W. BUFFIN TVA-3T9-A ALBERT V. HAROIN KENTUCKY UTILITIES CO. CLYDE STIKELEATHER													

\$ 1-BIG SAMOY, 2-CUMBERLANO, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO; 8-SALT, 9-TENNESSEE

See Page 54 for Reference Notes

USCOMM-WB-Asheville, N. C. --- 7/6/59 --- 750



U. S. DEPARTMENT OF COMMERCE FREDERICK H. MUELLER, Acting Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

JUNE 1959 Volume LIV No. 6



KENTUCKY - JUNE 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 29th at Louisville WB AP

Lowest Temperature: 40° on the 19+ at Blaine

Greatest Total Precipitation: 6.24 inches at Delphia 1 E

Least Total Precipitation: 0.39 inch at Gest Lock 3

Greatest One-Day Precipitation: 3.50 inches on the 2nd at Delphia 1 E

PENTUCKY

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6.0					10					£	Ma		M				8						1	-
Station		A.esaga Macana	4 S	Major v	2000	7 ver	*	Santi	0	3	11	1	1 3	1	V		1	1	Ÿ	Wes e	<i>*</i> .	ð		0
WESTERN									,	1	5		0	0	5.20		2.12	2	-0	0		5	4	2
SEAVER DAM MENTON 2 FORDS FERRY DAM 50 SOLDEN POND 6 N SREENVILLE 2 W		65 · 2 65 · 3 85 · 5 66 · 1 84 · 2	61 · 2 59 · 7 64 · 2 59 · 8 62 · 4	73.2 72.5 74.9 73.0 73.3	- 1.3	95 95	30+ 30+ 30 30		4 15 15	2 0 2	5 9 7 4	00000	0 0 0	0000	1.32 3.53 2.26 3.13	19	.50 1.30 1.42 .84	9 24 10 22	•0	0 0 0		7 3 6	2 1 3	
HENDERSON 4 SW HICKMAN 1 E HOPKINSVILLE LOVELACEVILLE HADISONVILLE 1 SE	AM AM	84.6 86.8 84.3 84.9 84.6	62.7 62.9 62.3 62.9 61.9	73.7 74.9 73.3 73.9 73.3	- 2.0 - 2.3 - 2.5	97 94 96		49 50 52 51 49	15 14	2 0 0 1 2	4 9 4 4	00000	000	00000	3.21 2.12 4.09 3.32 2.85	46 06 30	1.27 1.23 1.47 2.00 1.03	10 24 10 10	•0	0 0 0		3 6 4 5	3 2	1 2 1 1
MAYFIELD MURRAY DWENSBORO 2 W PADUCAH FAA AIRPOPT PADUCAH		85.3 84.7 85.7 84.5 86.9	63.7 63.9 63.5 64.0 63.3	74.5 74.3 74.6 74.3 75.1	- 1.9	95 94	30 30 30+ 30+ 30+	52 53 51	15+ 15 15+ 15 15+	0 0 0	7 5 4 4 11	00000	00000	00000	2.73 2.68 2.74 3.12 2.86	64 - 1.16 84	.77 .85 .47 2.07 1.30	10 11 12 10 10	.0	0000		6 6 8 4 4	0 1 2	0 0 1 2
PRINCETON RUSSELLVILLE		86.2 85.7	61.4	73.8 73.3	- 1.9 - 2.3	98 94	30 29+		15+ 15	0	7	0	0	0	1.21	- 2.73 - 1.76	•63 •75	10 2	.0	0		6	2	0
D1VISION CENTRAL				73.9	- 1.8										2.85	- •96								
ANCHORAGE BARDSTOWN S J PREP SCH BOWNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		83 · 3 85 · 2 83 · 8 85 · 3	59.9 60.6 59.4 61.6 61.2	71.6 72.9 71.6 73.5 73.3	- 1.0	94		47 46 50	19 14 14 15+ 14	5 4 8 1	4	00000	0 0 0 0	00000	.57 2.59 4.35 3.48 2.19		.20 .94 1.17 2.65 1.14	23 24 22 24 24	• 0 • 0 • 0 • 0	0 0 0 0		2 5 10 4 5	2 4 2	
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АМ	87.8 84.3 83.0 84.2 86.2	59.3 58.4 60.2 59.2 61.4	73.6 71.4 71.6 71.7 73.8	- 2.8 7		30 30 30+ 30 30		19+	0 8 5 8 2	4 4 3	00000	00000	00000	1.57 2.05 5.78 2.45 2.61	- 2.39	.81 .95 1.61 .74 1.03	24 24 1 25 2	.0	0 0 0		3 5 6 6 4	1 5 1 2	0 2 0 2
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK ST JOHN BETHLEHEM ACAD	R AM	83.8 89.1 87.3 84.5 82.6	62.2 65.5 64.4 57.5 62.5	73.0 77.3 75.9 71.0 72.6	- 1.6 1.7 - 1.2	92 99 100 93 94	30 29 30	52 46	14 14 19+ 15	4 0 0 9 3	14 11 5	00000	0 0 0 0	00000	3.18 1.08 1.11 3.11 2.44	- 2.95	1.10 .40 .61 1.47 .75	23 24 24 24 25	.0	0 0 0		5 4 3 6 5	0 1 2 3	0 0 1 0
SCOTTSVILLE SUMMER SHAOE WOLF CREEK DAM	AM	84.6 84.6 84.5	60.8 60.3 56.0	72.7 72.5 70.3		94 95 94		48 48 44	15	10	7	000	0 0 0	000	3 • 26 2 • 47 1 • 51		1.25 .92 .61	1 5 26	•0	0 0		5 4		0
DIVISION				72.8	- 1.7										2.54	- 1.66			•0					
BLUE GRASS		04.0	60.1	72.5	- 1.4	96	30+	45	19+	. 9	6	0	0	0	1.82	- 2.98	.70	25	.0	0		4	1	
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT CYNTHIANA 2 DANVILLE	R AM AM	84.8 85.0 83.3 85.1 83.6	60.3 61.9 57.2 60.5	72.7 72.6 71.2 72.1	.8	97 94 95	30 30+ 30 30	47 49 44	19 19+ 19+ 14	10	6 6 7	0	0 0 0 0	0000	1.28 5.85 2.56 2.9	2.56 1.81 7 - 1.63	3.17 1.00 1.50	24 22 12 25	•0	0000		4 5 6	3 3	2 0 2 2 3 1 1 1 0 0
DIX DAM FALMOUTH FLEMINGSBURG 2 FRANKFORT LOCK 4 LEXINGTON WB AIRPORT	AM R	84.8 85.0M 84.6 84.2 83.2	61.1 58.3M 58.3 59.9 62.2	73.0 71.7M 71.5 72.1 72.7	= 2.1 3	95	29+ 30+ 30	45	19 19 19 19 19 19	10	8 9 5	0 0 0	00000	00000	3 • 1: 4 • 9: 1 • 80	1 - 1.04	1.57 2.75 .80 1.00	25 23 25 2	•0	0000			6 1 5 4 6 3	1 1 1 0 3 1
MAYSVILLE DAM 33 MOUNT STERLING RICHMOND SHELBYVILLE 2 W WILLIAMSTOWN 5 WSW	AM AM AM	83.1 83.5 83.3 84.3 82.6	57.8 59.9 59.1 61.5 59.0	70.5 71.7 71.2 72.9 70.8	- 2.3 5 - 3.4	98 93 95		46	14 14 14 14 14 14	1:	2 4 3 3 4	000	0 0	0 0 0	3 · 8 2 · 0 1 · 4	069	1.19 1.55 .85 .75	25 2 24	.0	0 0			4 3	1 1 2 2 0 1 0 2 0
DIVISION				71.9	- 1.8	3									2.7	4 - 1.57			•0					
EASTERN ASHLAND DAM 29		84.2	60.4	72.3	- 1.6	9	5 30+	4	7 14	1														1 0 3 1
BARBOURVILLE BAXTER SENHAM BLAIME	AM AM	86.7N 83.3 83.0 84.5				9:	3 29 3 30+	4	5 19 5 15	1 3	4 4	3 0	0	0	3.0	0	1.62 1.30 1.65	25	•0	000			3 :	2 2 2 1 1 0
DEWEY DAM FARMERS GRAYSON 1 SE HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH	AM AM R AM	83.0 85.2 84.5	57.5 56.1 58.0 56.3	70.3 70.7 71.3	- 1.5	9 9	4 30	4	4 14 1 19 5 19 3 14	+ 1	9 (5 0	0 0	0	3.9 2.8 2.8	944 5 9 - 1.43	1.30	26 26 26		000			6 6 6	3 1 2 1 1 2 1 3 3
INEZ LONDON FAA AIRPORT MANCHESTER 4 SE MIODLESBORO MONTICELLO		84.5 82.4 86.1 85.2 84.2	54.5 59.4 57.5 57.0 59.1	69.5 70.9 71.8 71.1 71.7			4 30-	4 4	1 15 9 19 3 18 2 15 6 19	+ 1	9 4	8 (4 9 (5 3 (6	0 0		3.0 1.5 2.0	3	1.36 .70 1.11	25	000				4 4 5 6	0 0 3 1 1 0 1 1 2 0
MOUNT VERNON		83.6	58.3	71.0		9	4 30-	4	4 19	+ 1	2	5	0		1 - 8	37	• 78	3 24					5	1 0

KENTUCKY JUNE 1959 CONTINUED Temperature Precipitation Snow, Sleet No. of Days No. of Days Max. Min. .10 or More .50 or More 1.00 or More Departure From Long Term Means Degree Days Departure From Long Term Means Max. Depth on Ground Greatest Day Above 32° or Below 6° or Below 6° or 8° or Date Date Total Total Date Date PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY WILLIAMSBURG 2 73.2M 70.4 72.1 70.1 72.1 86.6M 82.6 84.4 83.9 86.1 59.8M 58.1 59.7 56.2 58.0 97 30 92 30+ 92 29+ 94 30 95 30+ 45 18 47 15 48 194 42 14 45 15 3.44 4.39 2.83 1.75 3.02 5 2 1 6 4 2 4 2 1 5 2 0 6 2 1 1.78 1.60 1.09 .71 1.02 7 10 5 26 6 - 1.03 00000 00000 00000 •0 - 1.42 - .73 - 2.4 - 2.4 - 1.42 DIVISION 71.0 2.82 • 0

SUPPLEMENTAL DATA

	Wind	direction		Wind m. 1	speed p. h.		Relati	ve humi		rages -			nset						
Station	Prevailing	Percent of time from prevailing	Āverage	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p	Trace	90.–10.	.10–.49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON WB AIRPORT	SW	18	7.3	30++	WSW	26	77	82	50	54	2	4	2	0	1	1	10	-	6.1
LEXINGTON WB AIRPORT	SW	13	8.4	-	-	-	82	83	51	58	2	2	3	2	1	0	10	~	5.3
LOUISVILLE WB AIRPORT	WSW	11	8,3	36	SW	26	79	82	49	51	2	5	2	1	0	0	10	65	5.2

DAILY PRECIPITATION

NHE TODG

Station	Total	1	2	3	4	5	6	7 6	3 9	1	o T	11	12		of mon	- 1	16 1	7 16	3	19	20 2	21	22 T	23	24	25	26	27	28 21	3	0
DE ON DAM 45	2.32	- 1	. 11	3	÷	3			1 "		1	.08	+	10	-1-			1						.10	.06	1+71	.04	. 33	L	1	
LPHUS 1 N LMY 4 N EN HORAGE	2.01 %,22 1.48 .97	+02	.90 1.17 .59 .04	.10		.04	.12				.18		027	+14					1			ł	T	•20	+ I B	. 90	1 94	. 29			
X 2 NE LAND DAM 29 BOURVILLE OSTOWR S J PNEP SCH TEN	2.11 1.71 3.33 2.59 3.00	.04 .18	.22 .85 .80 .14	.10		.01 .05	+06 +25			П	.04	.93	.04	.10 .22 .05					ı			1		± 37	1+67	.03		.10			
VEN DAN HAM TON 2 EA COLLEGE	5.20 3.11 1.32 1.82 1.71	T .08 .13 .34	2.12 1.45 .05 .02	.92			T				.28	.03 .18	.05	. 10	.10								1 • 12	.02 .05		.70		002			
A WATEN WORKS INE ILEVILLE ING GREEN INO GREEN SUBSTA ING GREEN FAA AP	1.54 4.35 3.16 3.97	.09	.68 .04 .91 1.38	. 0.		.39					.03	.37 .12 .06	.04 T .50				Т						l • 17 T	.42 .12	.56	012 012 1097 1059	02R 064			т	T
TT DAM 36 INSVILLE LOCK 6 INSVILLE 2 NE ESVILLE Z LOCK E	2.98 2.17 2.60 1.44 3.66	т	.32 .06	.01 T			- 04	T		12		.17	.62	• 6 2 T		Ì						Т		1 o T2 • 7 0 • 1 5	0.25	1 0 4 8 0 71	008 015 014	.05		1	ī
HOUN LOCK 2 PRELLSVILLE EYVILLE ROLLTON LOCK 1 V CITY 1 WNW	2 · 2 · 2 · 19 4 · 31 1 · 2 · 8 2 · 1 · 8	.07	T .05 .05	.18		T	.02				.05	•51 •22 •07 T •05	.49	• 32			.04						.18	•41 •07 2•67 •02 •30	1:14 :52 :62	0 24 0 4 0	:11 :14	.55			
RMONT 1 SSE BLEGE HILL LOCK 11 INGTON WB AIRPORT R BERLAND FALLS ST PK	1.57 4.47 2.46 5.85 4.06	.89	• 18 • 21 • 06 • 20 • 20	. 10		.22	.97	•02		1.	.07 .00 2	2.88 T 1.73	.10 .02 .09	•27	1								T 3.17	.06 .18	+ 28 + 54	.10					
THIARA THIARA 2 VILLE PHIA 1 E EY OAN	2.67 2.56 2.97 6.24 3.60	.45	.32 .30 .13 3.50	.52			.29				Т	T	.97 1.00 .05	.40 .40	. 32								Т	f ø 31	T +04 +36 +15 1+39	1.50	.01	.10			
OAN OEE BARRETTS FORO BR MOR YVILLE LOCK F ONTON	692 4.78 1.75 1.78 3.93	•32	.08 1.75 .40 .13	т			.95		٠			.10 .54 .35	T •07											.23 .68 .42	+ 85 T		T	•11 •27			
ZABETHTOWN CHORN CITY TON 2 S MOUTH INERS	2.05 3.67 2.97 3.11 3.99	. 20 . 0 2	.96 .90 .45	.14			T •03		т	- 1		+45 +14 T	•32 •42 •03	•62									.09	*12 *36 T 1*57	.70 .45	0 36 0 41 0 05		·15			
MINGSBURG NINGSBURG 2 10 LOCK 10 105 FERRY OAN 50 NKFORT LOCK 4	5.97 4.91 3.68 3.53 1.86		.77 1.19	.12			•05				T • 22	.53 .34 .15	.45 .14 .22 .02	•81	T		T						T	003	.02 .37	2.75 .40	e 46	ell e80			
MKLIN 1 E EBURN 2 SW IALIEL IRGETOWN WATER WORKS IT LOCK 3	1 · 22 4 · 53 2 · 82 1 · 62 • 39	•02	.55 1.79 1.24 .71	•04			• 44				Т	02 02 06	.23 .10	. 95 .01										• 38	**************************************	·28	T +41				
ISGOW ISGOW WKAY NOALE 1 E OEN PONO 8 N INT OAN 38	5.78 3.47 2.28 3.38	1.61	2.08 .05 .04 .20			T	.05 .02 1.20				•03	.47 .52 .08	.48 .13										±98 T		1.24	5 .64	. 55				
LYSON 1 SE ENSBURG EENSBURG HIWAY 61 BR EENUP OAN 30 EENVILLE 2 W	2 · 85 2 · 45 2 · 58 3 · 53 3 · 13		•26 •09 •09 2•02 •28				.0		Т		.05 .05		.33 .20	.08									+84	1 · 33 · 36 · 31 · 84 · 30	•11 •31	•74 •91	•34 •16	004	-		
RTFORO 6 NW PARO WATER WORKS LOELBERG LOCK 14 R ROERSON 4 SW CKMAN 1 E	3.85 2.37 2.89 3.21 2.12		1.09 .88 .13	.01					1	,		•18 •05 •08	.02	·43 ·27		1							o 4 2	.78 .43 .13	l .	• 26 • 62	1 - 30				
KSVILLÉ H BRIDGE LOCK 7 IDMAN SETTLENENT SCH KINSVILLE EN	2.78 1.15 5.12 4.09 2.77	.01	.69 .09 1.24 .41		.01		1.07			02 1	.47	T	.05	•46	· 05									•15 1•30 •04 •02	030	2.00	.27)) .48			
IZ VINGTON IKSON RENIAH NE 1 NNE	1.63 2.61 2.66 1.68 1.52	.10	.30 1.03 1.90 .97	. 04	Ŧ						.15	.25	•48	•03			т							•06 •01	• 21	0 046 0 011	.09 .16				
NTUCKY OAN GRANGE 1 SW NCASTER ITCHFIELO KINGTON WB AIRPORT R	1.46 1.04 3.73 3.18 3.21		.06 .60 .28 .75	.08		T	1.48		•		.81 T	.05	.05 T .08	•12									т	T •09 1•10 •56	00: 02: 0 01: 0 01:	0 002 5 1 1 1 0 4 0 9 1 5 0 3 6	.1:	•			
BERTY ITHE HICKNAM LOCK 8 CKPORT LOCK 2 NOON FAA AIRPORT JISA 2	3.84 1.00 .82 3.03 1.37		• 25 • 15 • 05 • 68 • 56	· 11		•02	.50			1	T T	.08	T • 05 • 65										• 01	+18	035 035	0 .00	0 T 0 0 0 S 0 2 S	•10 •06			
JISVILLE JISVILLE WB AP R JISVILLE UPPER GAGE VELACEVILLE JISONVILLE 1 SE	1.08 1.11 1.59 3.32 2.85	+11 T T	.23 .01 .07			T	. 94		1	.74 2	.22 .04 2.00	.30 T .19 .38 1.03											T .02	+ 02 T + 85	020 011	0 021	0	.08			
MOTH CAVE PARK NCHESTER 4 SE VFIELO VSVILLE OAN 33 KEE	3.11 1.54 2.73 2.78 3.50		.47 .31 .65 .28	.08			80.			- 0	.10	.56 .32	•25 •32										.16	•15	• 9	070 2 002 4 T 1 1058	1:1:				۰0
DOLESBORO DWAY LLERSTOWN NTICELLO UNT STERLING	2.00 2.91 4.33 2.50 3.80		1.13 .27	.04			.95 .34	T				.06 .28	•33 •03 •11	1				o 01					т	1.11	0 01 0 03 0 01	0 1 · 31 4 · 34 2 1 · 55	676 653 6 696 7	.20			
UNT VERNON NFOROVILLE 1 N RRAY NEY E10A	1 · 87 2 · 29 2 · 68 3 · 58 2 · 92	.17	.31 .68 .08			T	.01			.45	.64 1.00	T •22 •85 1•72	•23 •21					т						• 31 • 31 • 30	0 01	7 621 9 656	• 21	•11			

Chabian	Total													Da	y of r	nonth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEONTA DAM 35 OWENSBORD 2 W OWENSBORD DAM 46 PADUCAH FAA AIRPORT PADUCAH	2.85 2.74 3.18 3.12 2.86	Т	1.03 .10 .23											•17									т	1.06 .40 .39 T	+40	.80	•33	•18			т	
PAINTSVILLE PIREVILLE PINEVILLE PRINCETON RAVENNA LOCK 12	2.36 3.44 4.73 1.21 1.99	•37 •12	1.78	• 15 • 05			•04	T		o 29	. 63	Ť •02	•12	•29 •47 •26										o41	.03	.86 1.79	•27 •49	•23 •51 •32				
RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE SUSSELLVILLE ST JOHN BETHLEHEM ACAO	2.09 2.93 2.12 1.68 2.44		.85 .10 .75 .73				*01				.18			т										.56 .94 .08 .07	045 001 023	•56 T	•33	.07				
SALVISA LOCK 6 SALYERSVILLE 2 SE SCOTTSVILLE SEBREE SHAWNEE STEAM PLANT	1.67 3.34 3.26 4.65 3.10	1.25 .66	• 59	.00			•02			• 0 5	.07 1.17		•16	.71			0 0 1						o 58		1.54	• 02	.09 .18 1.15	e 24				
SHELBYVILLE 2 W SHEPHEROSVILLE SONERSET 1 N SPRINGFIELO STEARNS	1.47 2.04 4.39 2.93 2.46	o02	*11 *40 *27 1*10 *30	.19		•0	•12 •02 •67 •18				† •02 †		.09 1.07	•06									т	•22 •05	1 + 60	1.00 .19 .66	•63 •35	•21				
SUMMER SHADE SUMMER SHADE SUBSTA TAYLORSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	2.47 3.09 1.81 3.06 4.79		.37 .35 .24 1.86			۰9;	1.50			e 20			•29 •06											•15	.80 .18 .72 .22		•20 •47	. 66				
UNIONTOWN OAN 49 VALLEY VIEW LOCK 9 VANBUREN	2.53 1.96		.03 .87	00. SSINC			.30				•20 T	•96 T	т	•02									7	•08		•13 •23	.02	*40 T				
VANCEBURG OAN 32 WAYNESBURG 7 NE	2.83 2.69			• 0 5			.49						•06	•06 •19									T	1.09 .07			٥40	. 23				
WEST LIBERTY WILLIANSBURG 2 WILLIANSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK OAN	1.75 3.02 2.47 1.98 1.51	.34	•71 •76 •53 •02 •09				•35 T	•09			•02	T •13	•29 •11	•10 •08 T										•93	•12	1.02 T	↑ •99	• 32				
WOOOBURY LOCK 4	4.58		.10				.64				•11	•0B	.05											2 . 74	•09	o 34		•43				

MONTHLY AND SEASONAL SNOWFALL

Season of 1958 1959 KENTUCKY

Station	July	August	September	October	November	December	January	Pebruary	March	April	May	June	Total	
APOISON DAM 45 APORPHUS I N ALBANY ALLEN					-	• 2	5 • 5	.5 .5 1.5	† .5	T T				
ANCHORAGE APEX 2 NE ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH					- - - 4.5 1.5	2 • 9 2 • D —	- - - - - 7	T • 3 T • 7	T - • 2 • 2	T T			-	
BAXTER BEAVER OAM BENHAM BENHAM BENTON 2 BEREA COLLEGE BEREA WATER WORKS					1:0	4.0	13+0 	2+0 1+0 1+0	5.0	1.0			26.0	
BLAINE BOWNIEVILLE BOWLING GREEN BOWLING GREEN FAA AP BRENT OAM 36					1.0 - T 9.5	3 • 0 — T • 5	4.0 1.0 T	1.0	T T T 6.0	2.0			- - - 1 22 • I	
BROWNSVILLE LOCK 6 BURGINE 2 NE BURKESVILLE CADIZ LOCK E CALHOUN LOCK 2					- - - - 5 • 8	5.0 .3	3.3 - - T	T T • 9 2 • D T	T T - T	Т			5.8	
CAMPBELLSVILLE CANETYILLE COBB COLLEGE HILL LOCK 11 COVINGTON WB AIRPORT					2 + 0 2 + 0 - - 8 + 3	1 • 0 2 • B	2.B 2.0 2.0 8.0	• 3 T — T 1•6	T T - T 7.9	•6			5 · 5 4 · 0 ———————————————————————————————————	
CUMBERLAND FALLS ST PK CYNTHIANA CYNTHIANA 2 OANVILLE OELPHIA 1 E					7.0 6.0 7.0	- T - •7	- •2 - 6•9	1.5 1.0 1.4	3.0	1 • 1 • 3			11:7	
OEWEY OAM OIX OAM OUNDEE BARRETTS FORO BR OUNMOR EODTYILLE LOCK F					1.0	2.0	4.0 - T	T T 1.7 1.0	T -	1.0			B.0 - - -	
EOMONTON ELIZABETHTOWN ELKHORN CITY ELKTON 2 S FALMOUTH					3 · 6 T - 7 · 0	3 • 0 T T	1.6 7.0 T	.5 T .5 T	T 1.00 T 2.00	т			5.2	
FARMERS FLEMINGSBURG FLEMINGSBURG 2 FORO LOCK 10 FOROS FERRY OAM 50					2.0 4.5 3.3 5.5 7.D	* 4 T	3 · 5 4 · 0 - - - · 6	T • 2 T T	7 2.0 T T	4 • 0 -			5.9 14.7 - -	
FRANKFORT LOCK 4 FRANKLIN 1 E FREEBURN FRENCHBURG GAMALIEL					6.0	T 3		- - -6	T •3 → T	T	-	-	6.8	
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENDALE 1 E					2.0	T	3.5	1.0	T -	Ť			5.0	
GOLOEN PONO 8 N GRANT DAM 3B GRAYSON GRAYSON 1 SE GREENSBURG	-	-	-	=	7.00 1.0D		7.D - - 3.0	T	7 3 • 0 - - T	=	=	-	-	
GREENSBURG HIWAY 61 BR GREENUP DAM 30 GREENVILLE 2 W HARTFORD 6 NW HA2ARD WATER WORKS					4 • 9 - 5 • 0	- •5 T	1.0 - .6 T	T - T -	T T	1.0			5.0	
HEIDELBERG LOCK 14 HENDERSON 4 SW HICKMAN 1 E HIGH BRIDGE LOCK 7 HINOMAN SETTLEMENT SCH					1.6	1 • 4 • 3 T T	5 • 0 2 • 5 — —	3.6 T - T	7 •5 - T	Ţ.			11.6 11.8 - -	
HOPKINSVILLE HYDEN INE2 IRVINGTON JACKSON					1.5	3 • 0 T	7 7.0 4.0 2.0	1.0	- +3 - T				11.0	
JEREMIAH KEENE 1 NNE LA GRANGE 1 SWW LANCASTER LEITCHFIELO					1 • D 4 • 0 9 • 0 — 2 • D	2 • 6 2 • 0 -	4.3 2.7 2.0	2.0 1.0	.3 1.0 T	Т			10.2 9.7 12.0 2.0	
LEXINGTON WB AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LONDON FAA AP					3 • 4 1 • 5 4 • 0 — T	7 1•7	3.3	T .55	* 4 T T	-4			7.5	
LOUISA 2 LOUISVILLE LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE					1.0 6.0 5.5 5.2 5.0	3 • 0 • 6 T	1.5		T - T T T	Т			7.6 5.7	
			5	See Refere	ence Notes	Followin	g Station	Index					1	1

MONTHLY AND SEASONAL SNOWFALL

CONTINUED	.,				Season of	1958 -								KENTUCKY
Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	
MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELD MAYSVILLE DAM 33					2 • 2	1.0 T	7 4.6 3.0	.5 T 1.5	T	T T			-	
MCKEE MIDDLESBORO MIDWAY MILLERSTOWN MONTICELLO					1 • 5	1.3 2.0 T	- +8 3+0 2+0 1+5	2.0 T T +6 1.0	.8 1.9 T T	T T			4.7 - 4.1	
MOUNT STERLING MOUNT VERNON MUNFORDVILLE 1 N MURRAY OLNEY					8 -	•5 1•5 T	- 3 • 3 1 • 0	3.5 T T 1.0	•5 - •1	-	1		- - 2 • 8	
ONEIDA ONEONTA DAM 35 OWENSBORO 2 W OWENSBORO DAM 46 PADUCAH FAA AIRPORT					10.5 4.5 - 4.0	1.5 T T	3.9 4.5 1.6 .3	2 • 0	T 5+0 T - T				6.1	
PADUCAH PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON					4.0 1.0 T	2.0 3.0 1.0	T 1.5 2.6 4.0 1.0	1 0 0 T T T	T T T	T T T			5.0 4.5 5.6 -	
RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3 RUSSELLVILLE ST JOHN BETHLEHEM ACAD					2 • 5 - 3 • 0 6 • 0	•5 •7 -	- 6.3 1.0 - T	T 1.0 .5	1.3 T - T	•5			12.3	
SALVISA LOCK 6 SALYERSVILLE 2 SE SCOTTSVILLE SEBREE SMELBYVILLE 2 W					- 1.0 7.5	T 2•0 T	- T T 2•1	T - •3	- T -	- T			1.0	
SHEPHERDSVILLE SOMERSET 1 N SPRINGFIELD STEARNS SUMMER SHADE					3.5 T	- - T	- 1.5 T - 1.5	- T T	- T - -	т			- - - - 1.8	
TAYLORSVILLE TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANBUREN		_	-	-	6.5 - 3.0	1.0	1.7	1.0 T T	• 2 T T	Ţ _	•	-	5.0	
VANCEBURG 7A NE WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW					5 • 0 2 • 0 1 • 4 - B • 0	3 · 0 2 · 0 2 · 5	2.0 3.0 6.B 2.0 4.0	1.0 1.5 T	- •5 - 4•0	5•0 T			17.2	
WILLOW LOCK 13 WOLF CREEK DAM WOODBURY LOCK 4					=	1.0 T	- - •5	1.0	-				-	

DAILY TEMPERATURES

NEWLINE A

	-	-			_														-	-					-	_	-			-	JOHN	0
Station	-	ī	2	3	4	5	6	7	8	9	10	11	12	13 1	14)c1 y	Of Mo	17	18	19	20	21	22	2.1	24	25	26	27	28	29	30 31	Averog
	MAX	83	79	76	79	83	82	87	87	86	80 64	82	89	63	76	79 49	82 54	79 54	76 51		85		83	85	78 65	87 66	87 69	92 68	91	92 68	95 68	83.3 59.9
ASHLAND DAM 29	MAK	89	79 60	74	81	81	85	85	88	87 62	86	89 61	86 69	69	74 47	77 48	81	72 51	74 50		86	90	87 62	78 65	83	90 70	89 68	93	94 71	96 71	9 6 70	84 - 2
BARBOURVILLE	MAX	8.5	80	79	83	83	80	90	90	90	88	88					1		80	80	80	90	90	90	86	85	90	89	94	95	95	86 - 7
BABOSTOWN S J PREP SCH	MIN MAX MIN	87	65 80 62	78 54	50 84 48	55 84 58	84	60 89 18	44 89 48	63 88 63	84 67	84 68	86	85 71	77 47	82	84	83 55	78 52	79	85	52 89 58	55 82 64	63 83 64	86 68	67 87 70	88 70	92	94	92	94	85 · 2 60 · 6
	MAX	80 64	81	77	78 53	82 54	82	80	85	88	85	88	87 59	84	85 47	76 49	82	81 50	79	76 48	78 49	83	88	86	87 63	75 6-8	82 65	90	88	93	92 68	83.3
SEAVER DAM	MAX	86 65	77	78 56	80 52	82 59	84	87	88	81	83 64	85	89	83 67	77 50	8 2 50	86	84	81	80	86 52	89	88	86 66	85 69	88	90 71	92	93 70	93 70	93	85 · 2 61 · 2
8ENHAM	MAX MIN	86 59	81 62	73 57	75 46	81 51	84	80 59	85 52	89	85 54	87 53	88 58	85 60	80 48	67 42	80	80 51	77 41	74 43	77 44	85	88 54	88 61	85 64	78 65	85 60	90 62	92 60	93 61	93 62	83.0 54.3
BENTON 2	MAX MIN	82 65	77 62	78 53	79 47	80 56	83 52	88	86 59	85 62	82 68	81 66	88 65	87 67	79 53	83 48	88	88 58	83	79 57	85 48	88	89 64	84 64	84	88	91 70	93 51	92 69	95 69	95 70	85.3 59.7
BEREA COLLEGE	MAX MIN	83 62	72 60	74 59	82 49	83	84 57	83 54	88 62	86 60	83 64	85 66	87 66	84 69	77 45	82 50	85 50	80 58	78 45	80 45	85 51	91 58	8-8 6-3	85 73	81 66	89 69	92 70	93 70	93 71	96 72	96 69	84.8 60.1
BLAINE	MAX	88 62	76 61	75 53	82 48	84 50	85 51	87 50	89	87 56	88 57	89 56	83 62	84 58	8 2 4 0	80 41	79 46	74 42	76 42	79 40	85 44	89 52	85 53	82 64	81 63	88 65	88 61	91 61	92 62	94 65	94 65	84 o 5 54 o 2
BOWNIEVILLE	MAX	85 64	75 64	77 53	81 48	81	83 60	88	87 58	86	81 65	80 69	86 67	84 68	76 46	84 47	84	81 54	78 47	79 47	84 48	87 55	86 61	85 67	76 68	87 69	88 67	90 64	91 71	91 69	92 67	83 . 8 59 . 4
SOWLING GREEN FAA AP	MAX MIN	83 65	78 65	78 57	80 51	78 60	83 58	88	62	82 62	84 66	84 68	89 66	85 60	78 50	82 50	88 53	85 60	78 55	80 56	86 51	91 58	90 64	88 66	78 69	88 69	90 68	91 68	93 70	96 72	98 69	85.3 61.6
CAMPSELLSVILLE	MAX MIN	86 66	75 64	79 55	83 50	84 57	85 61	89 58	89 61	88 61	84 68	83 68	87 67	85 69	79 48	85 49	85 53	84 56	80 50	82	88 52	89	87 64	87 67	78 6-8	84 70	88 68	91 68	90 70	92 70	94 70	85.3 61.2
CARROLLTON LOCK 1	MAX MIN	86 64	80 62	76 52	79 50	82 53	85 58	87 57	89 58	87 60	84 65	85 69	89 69	87 62	71 48	80 52	87	80 52	74 49	80 47	86 51	90 61	85 63	83 62	80 68	89 73	90 70	93 71	93 69	96 71	97 70	85 ±0 60 ± 3
CLERMONT 1 SSE	MAX M1N	88 60	82 61	80 51	82 47	86 54	88 56	88 55	90 57	90 58	93 65	82 68	90 65	89 66	84 47	84 45	89 52	82 49	83	84	89 50	92 57	90 65	85 68	89 67	90 72	90 73	92 70	93 69	95 69	96 67	87.8 59.3
COVINGTON W8 AIRPORT	MAX MIN	85 67	73 59	79 52	82 50	85 54	86 58	91 60	92 64	89 66	85 66	82 68	85 69	75 58	72 49	75 56	83	73 52	72 54	79 49	84 55	87 66	83 65	79 66	81 6-8	82 70	86 71	94 72	93 72	93 72	94 73	83.3
CYNTHIANA 2	MAX M1N	88	87 59	76 51	77 46	81 52	84 51	86 51	89 55	90 57	89 59	85 66	89 66	88 67	82 44	76 50	78 50	85 48	75 44	74 44	81 47	86 59	91 59	88	87 64	79 70	90 67	90 69	93 66	93 66	95 66	85 • 1 57 • 2
OANVILLE	MAX MIN	84	84 64	74 55	76 51	81 53	83 57	83 57	86 59	60	83 63	83 67	84 67	87 67	84 47	78 52	83 54	83 55	79 50	78 48	81 51	9.8 5.7	89 63	85 66	83 68	75 68	86 71	8-8 6-9	90 69	90 73	92 70	83 · 6 60 · 5
OEWEY OAM	MAX MIN	85 63	84 66	70 58	74 53	83 53	83 56	84 56	87 59	88 58	85 60	86 56	89 60	85 64	85 44	75 46	80	80	74 45	70 45	78 50	84 53	89 56	86 59	77	80 67	88 64	89 65	89 65	90 70	93 69	83 • 0 57 • 5
DIX OAM	MAX MIN	84	77 60	75 53	80 51	83 58	84 56	87 57	88	87 61	84 65	86 68	87 67	86 70	81 49	83 53	84	82 56	78 51	80 48	85 54	90	83 64	83 68	76 66	86 70	90 70	92 69	92 69	95 71	95 70	84.8 61.1
EL12ABETHTOWN	MAX MIN	85 64	81 62	78 52	80	82 55	84 54	85 55	85 57	88 58	84 67	80 67	86 63	86 63	78 46	81 48	84	82 56	80 48	78 46	82 47	8-8 5-5	85 62	86 67	83 68	87 69	87 69	90 63	91 66	91 65	92 64	84 · 3 58 · 4
FALMOUTH	MAX	87 63	79 56	78 53	82 48	84 53	88 55	89 57	90 56	88 59	85 59	83 66	87 65	81 62	76 46	79 51	84 50	80 48	75 48	80 45	91 53	84 59	83 65	79 67	90 70	89 66	93 67	92 68	95 66	95 69		85 • 0 58 • 3
FARMERS	MAX MIN	87 61	79 61	77 51	81 48	83 51	85 53	87 53	88 55	88 56	88 58	86 62	89 64	88 62	76 42	81 46	82	79 46	76 43	80	85 46	90 54	88 55	84 66	81	88 71	90 63	90 66	· 93	93 65	94 66	85 • 2 56 • 1
FLEMINGSBURG 2	MAX MIN	85 62	73 58	75 51	78 48	82 54	84 52	87 56	90 58	88 58	90 61	87 66	87 66	80 64	76 45	80 47	80	75 49	75 49	80 45	85 50	95 59	93 59	79 65	81 67	87 6-8	90 65	93 68	93 69	94 70	95 69	84 · 6 58 · 3
FORDS FERRY DAM 50	MAX MIN	83 66	75 62	78 56	80 57	81 59	83 58	90 62	89 67	82 68	81 67	85 69	90 67	83 65	75 54	86 53	88 57	85 64	80 58	81 58	85 58	90 64	88	87 68	83 70	90 71	92 71	92 73	94 72	94 71	95 73	85.5 64.2
FRANKFORT LOCK 4	MAX	85 64	86 65	76 54	78 50	80 51	84 57	83 57	88 58	90 60	86 62	82 67	83 69	87 68	80 48	78 52	82	85 53	77 49	76 47	81 50	85 54	89 62	84 66	85 67	80 69	88 70	90 69	92 69	91 69	94 68	84.2 59.9
GLASGOW WKAY	MAX	83 60	72 65	75 55	78 49	78 57	81 59	84	86 59	85 59		80 70	86 67	84 68	74 50	82 49	83	82 56	77 50	77 53	84 49	86 57	87 62	85 64	78 68	87 68	8-8 6-6	91 66	90 69	92 68	92 68	83.0 60.2
GOLOEN PONO 8 N	MAX MIN	85 65		79 53	80 48	82 56	84 53	88 56	88 59	85 62	82 66		88 64	88 65	78 50	84 47	89	87 58	83 53	80 53	8-6 5-0	87 57	90 64	89 63	82 69	90 68	91 68	94 66	95 68	93 66	96 68	86 · 1 59 · 8
GRAYSON 1 SE	MAX M1N																78 51	79 49	71 44	75 44	87 44	85 56	89 59	86 65	75 65	81 68	87 66	86 68	90 66	91 69	92 70	
GREENSBURG	MAX MIN	83 65		74 54	72 49	82 52		84 57			85 64	82 66	81 64	88 67	85 48	78 48	84	85 54	83 49	79 48	81 50	87 54	89 60	87 66	88 68	78 69	85 67	89 64	92 65	.91 69	94 69	84 • 2 59 • 2
GREENVILLE 2 W	MAX	80 65		76 59	81 64	81 61	82 57	86 54	87 60	80 63	81 66	83 69	87 67	84 69	85 50	83 49	85 54	82 60	77 53	78 53	86 52	86 59	87 66	88 66	82 70	87 70	88 70	90 71	91 74	92 70	94 70	84.2
HEIDELBERG LOCK 14	MAX MIN	85 65		78 58	81	82 54	84 56	87 54	88 55	86 59	87 60	85 63	85 64	85 64	78 45	82 47	82	81 51	75 45	78 45	85 47	90 55	88 57	84 66	77 67	84 70	90 64	90 66	92 65	93 67	94 67	84.5
HENOERSON 4 5W	MAX MIN	85 65		79 54	80 53	83 57		86 60	87 62		80 66	84 68	89 68	84 62		81 50	87 57		80 53	82 56	8-8 5-7	89 66	86 68	86 66	82 70	8-8 71	88 71	90 71	92 75	93 73	93 73	84.6
HICKMAN 1 E	MAX	86 67		80 56	82 52	83 58	83 56	85	87 62		78 68		87 67	90 68		82 50	80 56	92	92 56	82 59	83 56	88 59	91 64	95 67	83 69	88 70	89 71	96 72	92 70		97 70	86.8
HINOMAN SETTLEMENT SCH	MAX MIN	84 63	82		74 50	55	55	53			56	54	63	63	43	44	47	81 50	79 55	76 49	75 47	80 46	88 52	92 62	80 65	82 66	76 62	81 64	90 69	94 64	96 66	56.3
HOPKINSVILLE	MAX M1N	81		79 57	79 53	80 59	80 58	82 61	85 63	86 66	73 65	81 67	83 67	88		77 53	83 55	87	87 55	78 56	80 54	88	87 66	87 65	8.8	83 68	89 68	91 69	92 71	93 69	94 69	84 • 3 62 • 3
INEZ	MAX	82	73	7a 56	84		87 52	89 53						85 60		80 41	86 43	73	72 43	78 42	80	95 55,	92 54	80 62	81 63	84 64	86 63	86 62	92 62		95 64	84 • 5 54 • 5
IRVINGTON	MAX	88 65	78	78	80	86 57		87 57	89 60	87 61	86 68			85 65	78 48	83 50	87 55		78 52	81 50	88 52	91 59	86 68	90 68	84 68	90 72	88 72	93 69		94 70	95 70	86.2
LEITCHF1EL0	MAX			76 56				86 61		86 64					75 50	81 53	85 57		77 51	79 53	85 56	88 62	85 64	85 67	78 68	87 69	87 69	90 69	91 69			83 · 8 62 · 2
														ator Fol																		

CONT 1 NUE 0	_															Day.	0136						_	_								OINE	<u> </u>
Station	1		2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	16	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON W8 AIRPORT MAX		83	74 59	74	78 55	80	83	85	88	84	83	85 69	88	81	76 48	79 58	83 57	75 55	76 52	79 52	84 57	88 63	83 65	84	77	87 71	88 71	91 70	92 70	93 72	95 72		83 • 2
LONGON FAA AIRPORT MAX	K 8	33	75 62	74	78 52	80 55	81	85 55	85 58	83	84	85 65	82	83	73	80	81	74 58	74	77	84	87	87 59		76 68	83 69	89 66	90	91 66	92	93		82.4
LOUISVILLE MAX	K 8	89 71	84	80	85	84	87	90	93 69	95 67	87 70	86 69	92	89 70	79 52	85 60	90	89 59	90	84 58	88	92	89 71	92 70	85 70	92 73	91 74	94	96 75	96 75	99		89.1 65.5
LOUISVILLE W8 AP MAX	(₈	A7	75 64	79 57	82 54	85 62	87 60	91 61	93 66	91 67	84	85 69	94 69	81 58	79 52	85 54	88	82 59	79 56	82 53	87 56	93 62	86 71	88 71	81	91 74	90 74	96 71		100 73	99 74		87.3 64.4
LOVELACEVILLE MAX		84 64	77 62	80	80 57	81 57	83 54	87 60	88	78 67	78 67	85 68	86 68	83 66	76 52	83 51	89 54	8 8 6 2	81 56	80 61	86 54	87 59	88 67	85 67	82 72	88 71	89 70	91 70	93 73	96 68	96 71		84.9 62.9
MADISONVILLE 1 SE MAD		83 64	76 62	77 57	79 51	78 58	83 55	85 58	88 60	85 62	81 65	84 68	89 66	87 68	76 49	82 49	85 53	85 61	81 54	80 54	87 53	86 60	85 66	86 67	83 70	88 71	89 73	90 69	91 75	92 69	97 70		84.6 61.9
MAMMOTH CAVE PARK MAN		82 61	76 61	78 53	80 46	80 53	85 56	87 55	86 57	85 57	82 62	80 67	88 63	84 67	77 46	83 46	85 49	83 54	80 46	80 46	85 47	88 54	87 60	88 63	80 64	88 65	90 65	92 64	91 67	92 67	93 64		84.5 57.5
MANCHESTER 4 SE MAN		85 64	79 67	78 58	82 50	85 55	85 59	88 57	90 55	88 53	90 58	89 59	85 62	87 64	79 44	85 45	83 47	79 52	77 43	79 46	85 47	91 53	90 55	89 64	79 66	87 69	91 64	93 65	95 66	95 68	96 69		86 • 1 57 • 5
MAYFIELO MAX		82 67	79 61	80 56	81 52	#2 60	84 58	88 61	87 64	82 67	80 66	78 67	89 67	85 67	79 52	85 52	90 57	91 63	81 57	81 61	86 54	88 61	90 71	85 67	80 71	86 71	88 72	90 73	92 74	95 70	96 73		85 • 3 63 • 7
MAYSVILLE DAM 33 MA		88 63	85 60	73 52	75 50	80 52	82 54	85 56	86 58	89 60	87 61	87 62	86 65	86 65	78 44	75 47	75 49	81 47	72 47	73 45	80 46	85 50	90 63	86 65	80 65	80 69	86 65	86 67	91 68	91 69	94 70		83.1 57.8
MIOOLESSORO MAX		83 67	81 68	78 58	82 50	82 54	83 56	87 57	87 56	85 53	87 56	87 59	84 62	86 64	79 47	82 42	83 44	81 50	78 44	79 44	84 47	89 52	88 54	89 59	85 65	84 69	90 66	91 65	94 67	94 66	94 68		85 • 2 57 • 0
MONTICELLO MAI		82 65	75 66	77 58	81 48	82 57	83 58	85 56	86 59	85 61	86 59	85 67	85 66	85 64	76 47	82 46	84 48	82 53	78 48	80 46	85 48	88 55	88 60	88 63	82 68	84 70	89 67	89 66	91 67	92 69	92 68		84 • 2 59 • 1
MOUNT STERLING MA		85 65	73 58	73 53	79 51	81 57	83 54	85 58	87 61	86 61	86 63	83 65	86 67	85 67	74 47	78 53	82 52	78 52	73 49	78 48	85 53	88 61	85 63	82 67	78 66	86 68	88 65	90 68	96 68	98 70	93 68		83.5 59.9
MOUNT VERNON MAI		84 60	76 61	75 55	80 47	81 54	82 58	85 52	87 60	83 56	84 60	82 67	82 66	85 64	77 48	82 48	82 48	79 52	75 44	78 44	84 47	89 54	87 60	85 66	75 66	86 69	90 67	92 68	93 67	94 70	94 72		83 • 6 58 • 3
MURRAY MAI		84 68	78 64	78 58	79 53	80 60	83 57	87 60	86 64	79 68	81 68	82 67	88 67	87 63	78 54	84 52	87 57	88 63	78 57	79 58	87 55	87 62	90 69	85 69	79 70	87 71	90 73	89 73	92 74	94 70	95 74		84.7 63.9
OWENSBORO 2 W MA:		86 67	78 60	81 56	83 54	82 59	87 57	89 61	89 63	80 65	80 66	84 70	89 68	81 66	79 53	84 53	89 58	85 64	81 58	.59	88 56	89 62	85 69	87 68	82 68	88 70	88 73	91 69	94 73	93 69	94 70		85.7 63.5
PAOUCAH FAA AIRPORT MA:		83 66	76 60	79 57	82 52	80 61	82 56	88 60	88 65	76 68	78 67	84 69	87 69	82 60	78 53	86 51	89 56	87 63	78 58	80 61	85 58	85 64	87 71	87 67	82 72	87 71	88 72	91 73	93 74	94 72	94 75		84.5 64.0
PAOUCAH MA:		87 66	79 62	82 55	82 52	81 59	85 55	89 59	90 64	86 68	78 67	85 68	90 68	85 66	78 53	85 52	90 55	90 61	81 57	82 60	90 55	89 61	89 68	89 69	85 72	90 70	90 73	91 71	95 70	96 69	97 73		86.9 63.3
PIKEVILLE MA		88 65		85 59	81 55	85 58	88 60	90 58	91 60	89 59	87 62	91 56	85 63	88 64	78 46	82 46	78 55	78 51	78 45	80 50	86 51	91 60	88 61	80 68	82 68	89 69	91 69	95 69	95 66	96 70	97 70		86 • 6 59 • 8
PRINCETON MA		85 64	79 61	82 52	80 51	83 58	85 56	87 60	87 60	82 61	81 63	83 69	90 66	83 64	79 52	85 51	90 54	87 60	80 58	81 57	88 53	88 57	88 65	88 67	84 71	90 69	89 70	93 67	95 71	95 66	98 69		86.2 61.4
RICHMONO MA		84 66	85 65	73 53	75 49	85 51	82 54	85 53	87 58	87 58	82 62	83 66	85 66	88 69	84 46	76 51	80 50	80 50	77 49	76 48	78 50	85 58	89 60	86 67	83 65	77 69	86 70	88 67	90 67	91 69	93 68		83.3 59.1
RUSSELLVILLE MA		87 65	79 62	79 57	80 54	81 50	83 57	88 58	88 61	80 64	82 65	83 67	89 68	84 68	84 49	82 48	86 50	85 57	80 51	80 51	87 50	89 56	90 64	90 65	82 69	89 69	91 70	93 71	94 73	94 70	93 66		85 • 7 60 • 8
ST JOHN BETHLEHEM ACAO MA		80 65	84 60	76 56	75 53	79 61	82 62	82 63	85 62	85 63	84 69	83 69	80 65	85 67	79 5 2	76 51	79 53	85 60	80 53	76 52	79 52	82 59	86 66	84 67	84 68	78 68	86 70	87 69	72	94 75	92 73		82 • 6 62 • 5
SCOTTSVILLE MA		83 64	77 64	77 57	80 50	77 59	82 56	85 59	87 63	81 62	83 66	82 69	88 65		80 51	83 48	86 51	84 58	80 50	79 51	85 49	88 56	88 63	87 65	78 68	88 68	91 68	92 68	69	94 71	94 68		84.6
SHELBYVILLE 2 W MA		84 66	79 61	76 54	79 52	80 59	82 56	85 60	87 63	85 63	85 66	84 66	87 68	1	76 49	81 51	83 54	53	76 52	80 50	85 52	89 61	87 69	84 67	79 66	87 72	87 69	92 70	69	95 70	95 69		84.3
SOMERSET 1 N MA		82 62	73 64	72 56	80 49	81 54	83 58	85 52	87 57		61	84 68		64	74 50	80 47	81	77 54	75 49	48	83 48	87 54	86 59	87 58	77 66		88 66	88 63	91 64	92 67			82 • 6 58 • 1
SUMMER SHAOE MA		82 64	72 65	75 57	80 49		82 57	87 58	89 60			70		66	51		86 51	83 56	78 49	79 53	85 50	90 57	89 61		75 68	68		66	67	95 68	68		84.6 60.3
VANCEBURG DAM 32 MA	- 1	86 64	71 58	75 54		85 54		88 56		89 59		82 66				50	78 48	80 50	78 48	79 48	85 51	91 60	88 61	82 64	84 67		76	68	92 68		70		84 • 4
WEST LIBERTY MA		85 63	86 65	70 53		81 51	82 53	85 54			85 57	88 59	88 64					82 45	• 74 43	75 43	80 46	85 54	90 54	88 66	66		88 62		63	66	94 66		83 • 9 56 • 2
WILLIAMSBURG 2 MA		83 65	82 66	78 60								85 63			50	45		85 50	82 46	80 46	81 48	87 52	92 57	90 62	89 66	64	65	93 62	67	68	95 68		86•1 58•0
WILLIAMSTOWN 5 WSW MA		87 60	84 58	72 53									67	65	45	48	77 52	81 50	73 50	73 49	77 49	84 55	87 58	83 64	82 65	67	69	69	1	71	93 70		82 • 6 59 • 0
WOLF CREEK OAM MA		84 63	85 64	73 56		82 48		81 56	88 56			84 62	81 60		86 52	77 44	82 47	85 50	83 45		81 47		89 55	89 57	90 61		84 62		91 62	94 66	94 66		84+5 56+0

MONTHLY AND SEASONAL HEATING DEGREE DAYS

					Season of	1150	1951							KENIOCKA	
Station	July	August	September	October	November	December	January	February	March	April	Мау	June	Total	Long term means July-June	
ANCHORAGE ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BAXTER	0 0 0	2 2 0 1	41 42 24 35 27	281 261 227 275 296	548 480 484 469 534	1090 1016 979	1031 958 868 946 1008	760 677 629 710 717	686 632 601 726	276 245 260 221 331	62 60 41 53 57	5 14 7 4 10	4787 4387 4739		
BEAVER DAM BENHAM BENTON ? BEREA COLLEGE BLAINE	0 0 0	1 1 3 1	21 47 30 33 55	256 314 263 253 315	481 536 473 462 564	1016 1014 954 984 1078	945 1049 950 923 970	703 746 715 654 702	570 769 521 578 689	218 335 219 290	42 65 36 55 62	1 34 2 9	4256 4910 4173 4755		
BONNLEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE CARROLITON LOCK 1 CLERMONT 1 SSE	0 0 0 0	3 0 0 4	28 25 17 50 33	286 242 223 290 256	512 492 471 517 456	1022 1005 950 1083 1022	957 960 932 1027 972	730 718 661 720 706	649 625 594 661 606	258 254 226 256 242	50 47 51 58 52	8 1 1 10 0	4503 4369 4126 4676 4346	4279	
COVINGTON WB AIRPORT CYNTHIANA 2 DANVILLE DEWEY DAM DIX OAM	1 0 0 0	2 8 1 0	49 76 38 39 27	282 328 266 315 251	561 602 496 517 478	1171 1217 1104 1081 1019	1102 1097 1035 985 951	815 836 792 756 688	736 753 697 695 626	292 331 281 334 229	76 65 61 70 49	9 21 3 20 2	5096 5334 4774 4812 4320		
ELIZABETHTOWN FALMOUTH FARMERS FLEMINGSBURG 2 FORDS FERRY OAM 50	0 0 0 0 0	4 3 2 2 0	33 40 45 51 23	297 302 318 294 205	535 565 522 552 413	1045 1129 1045 1102 999	995 1027 962 1040 983	744 736 687 748 713	621 680 651 684 521	263 287 268 285 198	49 61 50 65 34	10 19 17 0	4594 4840 4569 4840 4089		
FRANKFORT LOCK 4 GLASGOW WKAY GOLDEN POND 8 N GRAYSON GRAYSON 1 SE	0 0 0	3 1 2 0	48 27 30	297 263 254	547 495 466	1146 989 993	1057 942 958	807 684 700	746 603 535	332 246 220	64 51 40	7 5 2	5054 4306 4200		
GREENSBURG GREENVILLE 2 W HEIDELBERG LOCK 14 HENDERSON 4 SW HICKMAN 1 E	0 0 0 0	2 2 0 3 3	28 33 32 32 17	266 242 294 227 198	497 456 504 467 429	1058 983 1018 1031 969	1001 938 965 988 959	755 683 674 724 716	685 560 648 549 605	279 215 276 213 252	56 42 42 39 32	8 0 11 2 0	4635 4154 4464 4275 4180		
HIMOMAN SETTLEMENT SCH HOPKINSVILLE INEZ IRVINGTON LEITCHFIELO	0 0 0 0	0 1 0 1	55 22 36 35 34	345 226 319 243 247	587 481 570 491 510	1103 1042 1036 1034 1024	1060 973 957 979 953	761 733 668 719 701	735 612 702 600 591	309 234 275 237 216	61 40 55 47 41	0 32 2 4	4364 4650 4388 4321		
LEXINGTON WE AIRPORT LONGON FAA AP LOUISVILLE LOUISVILLE WE AP LOVELACEVILLE	0 0 0 0 0	1 0 0 0	39 20 15 23 31	272 274 197 229 220	538 494 463 492 454	1082 1023 982 1040 945	1043 998 944 1001 944	766 723 685 723 705	692 697 577 627 519	284 311 183 222 202	63 57 36 51 35	5 9 0 0	4785 4606 4082 4408 4057	4677	
MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELO MAYSVILLE OAM 33	0 0 0 0 0	1 6 0 1	32 40 23 29 73	229 244 265 196 347	441 478 481 415 570	989 989 987 915 1198	961 979 901 932 1088	692 702 633 697 832	552 613 643 502 773	198 258 235 199 336	40 53 46 33 85	2 9 10 0 29	4137 4371 4224 3919 5340		
MIDDLESBORO MONTICELLO MOUNT STERLING MOUNT VERNON MUNRAY	0 0 0 0	0 0 2 4 0	26 25 39 44 18	252 273 272 336 205	466 479 504 495 429	942 966 1050 1021 942	867 892 984 965 913	613 653 704 692 697	592 601 636 642 526	237 257 247 269 203	37 51 53 59 31	13 8 12 12 0	4045 4205 4503 4539 3964		
OWENSBORO 2 W PADUCAH FAA AIRPORT PAOUCAH PIKEVILLE PRINCETON	0 0 0 0	0 1 0 0	18 35 28 14 28	238 216 217 193 236	487 479 444 444 490	1023 1001 968 951 993	988 987 961 878 946	709 753 691 581 719	574 565 490 564 560	208 241 182 195 219	38 39 29 36 39	0 0 0 7	4283 4317 4010 3863 4230		
RICHMONO RUSSELLVILLE ST JOHN BETHLEHEM ACAO SCOTTSVILLE SHELBYVILLE 2 W	0 0 0 0	2 1 2 0	43 29 40 25 36	2 90 2 3 4 2 9 6 2 2 4 2 5 2	528 471 534 431 510	1097 973 928 1052	1036 932 1039 909 998	793 693 815 657 732	715 569 704 573 644	308 230 301 206 267	63 44 62 48 56	12 0 3 0 3	4887 4176 4001 4551		
SOMERSET 1 N SUMMER SHAOE VANCEBURG DAM 32 WEST LIBERTY WILLIAMSBURG 2	0 0 0 0	1 1 2 3 0	37 29 56 74 24	302 281 302 375 255	523 483 520 571 476	1021 1000 1105 1156 1003	951 955 1005 1084 943	691 711 713 799 681	658 621 661 744 636	281 272 262 335 266	62 58 61 62 48	10 2 5 26 6	4537 4413 4692 5229 4338		
WILLIAMSTOWN 5 WSW WOLF CREEK DAM	0	6 2	63 36	313 290	574 484	1224 1029	1129 961	839 732	764 727	332 328	82 64	20	5346 4663		

EVAPORATION AND WIND

KENTUCKY

Station																1	Day o	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEWEY DAM	EVAP	.13	.15 15	.04 31	.09	.22	.21	.19				.17	.18	.14	.29 236		. 20 11	.13	.24 73	.19						.06 35					.49 13		B5.41 897
DIX DAM	EVAP		.13 24	.10 35	.23	. 25 31	.18 28							.21 46			.25 36		.33 50		.31 26	.26 37	.26 29	.14 57		.04 33		.23 57			.22 40		8.37 1064
MADISONVILLE 1 SE	EVAP				.56 38		.14 29							.30 46		.24 52		. 24 24	.38 56			. 28 27			.19 27					.42 53	<u>-</u> `		B8.45 B1417
WOLF CREEK DAM	EVAP			.08 10	.13 28	.28 14	.13 19											.24 20	.32 45			.23	.23 25			.22 17			.21 21		.26 15		6.38 689

CLIMATOLOGICAL DATA

KENTUCKY DELAYED DATA

			,	Ten	peral	ure										Precip	oitation					
										N	to of Day	/S					Sno	ow, Sleet		N	la of	Days
Station	Average	Ачевде	Average	Departure From Long Term Means	Highest	Date	Lowest	Dare	Degree Days	Ma Apove ove	+	Oe or Below	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MARCH 1959 WILLIAMSBURG 2	58.0	30.5	44.3	- 4.3	83	26	17	18	636	0	0 22	0	3.53	- 1.44	.95	12		0		8	2	0

DAILY PRECIPITATION

Station				,											Day	of m	onth		_													73
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota
JANUARY 1959		1																		1			_	_			-					
SEBREE	.44			.04				, 06							.74	.24				1.28	3 25	.71					İ					
MARCH 1959																				1.20	3.23	. , , 1			-	_	-	, -	~	-	-	-
WILLIAMSBURG 2	.24		.07	. 07		.33			.09	. 03		.95	.03		.30																	
															.30						. 20	.16					.79	.08		.19		3,53

DAILY TEMPERATURES

Station																Day	of mo	onth				_								_			. 8
		l	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ivera
MARCH 1959 WILLIAMSBURG 2	MAX	67 35	40 25	55 25		62 28	57 30	46 27	49 21		49	60 30	54 29			66 50		53 24	47	54 21	66 31	69 43	57 24	52 22	73 28		83 42	64 49	56 27			64 40	58.0 30.5

CORRECTIONS

MONTH: FEBRUARY 1959

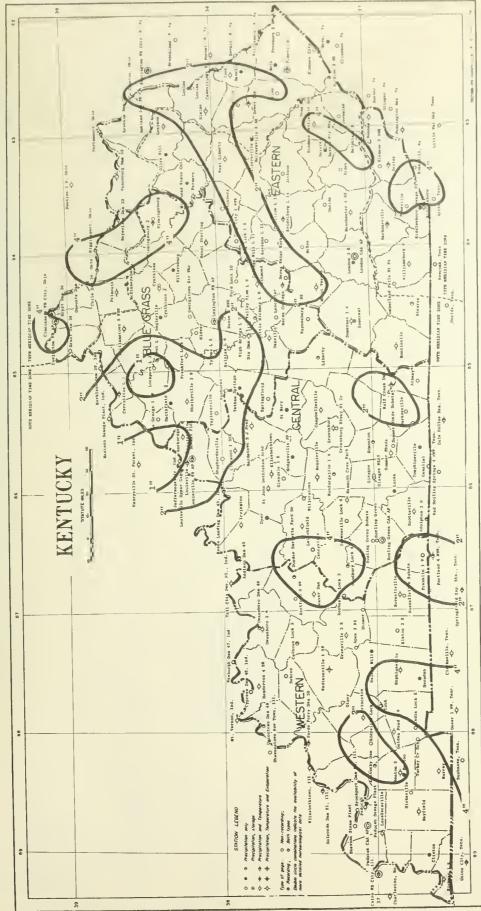
Climatological Data Table: Summer Shade

Central Division

Daily Precipitation Table: Summer Shade Monthly total should be 4.81; no. days .10 or more, 7.

Average precipitation should be 3.26, departure, -.44.

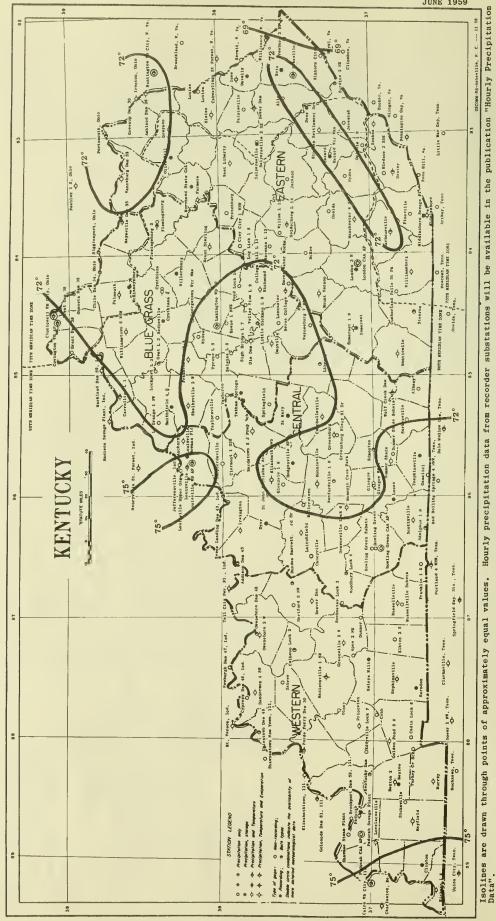
Amount on 28th should be 0; monthly total 4.81.



Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Isolines are drawn through points of approximately equal values. Data".

AVERAGE TEMPERATURE

KENTUCKY JUNE 1959



STATION INDEX

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	STATION	DEDEX NO.	COUNTY	DRADKACE	LATITUDE	LONGITUDE	BEVATION		ANLE		OBSERVER	STATION	DOC	COUNTY	DRAMAGE	LATTIODE	LONGIT	ELVATION		N. C.	Let		OBSERVER
	ADOISON DAM 44 ADOLPHUS I N ALBANY 4 M	0031 0043 0063 0094	BBECKIMBIDGE ALLEN CLIMION PLOYD	Q T 1 2 1	3T 3A 36 39 36 63 37 33 18 16	86 34 86 16 89 08 82 43	380 600 1000 648		54 74 7A 8A 7P	DE TO	COMPS OF ENGINEERS LOCAL M. DEABING MRS.BARRABA M. COOL MAMMIE AUALES . E. BARRE	LIRERTY LITTLE HOLEMAN LOVE 6 LOURPOWT LOUK J LONDOM 9 W	4754 4624 4862 4862	CASEY JESCAMINE IS NOT (LAME LAME)	1 6 6 7	37 21 31 43 36 24 37 31 37 08	64 99 64 96 64 96 64 02	112 540 485 115 1277		fA fA 6A			ALLIA P. MANN A MPS UP ENGINEER OMPS UP ENGINEES MASS BURGES N LIY OF LONGON
	ALLEN AMUNDHAGE AREN 2 NE ASHLAND DAM 20 RABBOUBYILLE BAROSTOWN B J PREP SCM	0199	JEFFERSON NUNLEMBERO INDV ENDS NELSON HARLAN	7 7 7 2 8	10 10 17 00 16 2T 16 52 17 40 30 31	89 39 67 19 62 96 89 99 89 28 81 20	700 931 1000 631	6P 6P	7A 7A 6P 7A	14	SPENCIO PROMSE UMPS OF ENGINEERS UNION COLLEGE ST. JOSEPH PREP. SCHOOL C. HONER HOLAN	LOMDOM FAA AP LDUISA Z LDUISVILLE LDUISVILLE LOUISVILLE	6969	TELLEGION TELLEGION I WARMENCE FWAMENCE FWAMER	2 1 1 7	51 05 38 07 38 07 38 14 38 15	84 09 82 51 82 36 89 46 89 AD	96/ 989 462 946	HID P	6A 6P			SD. AVIATION AGENCY MANUES F. BRANHAN MANUED . FERGUSON OUTSYLEE G f ONES OF ENGINEER'S
	BARIES	0490 0499 0611 0A15	OHIO HARLAN HARVALL MABSHALL MALISON	3 2 0	37 25 36 48 36 41 36 41 37 34	86 92 82 57 88 20 18 20 64 18	441 1989 199 105 1070	6R 8A	6P 8A 5P 6P	N N C N	E. G. YDUNG C. C. WHITEAKER JAMES H. MILLER BADID STATION WCBL JANES A. GHOSSMAN	P LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS MADISONVILLE 1 SE	4949	JEFFERSON JEFFERSON HALLARO BARREN HOPKINS	7 9 6 3	36 11 38 17 36 38 36 53 37 19	65 44 85 46 66 50 66 03 67 29	676 603 370 738 639	MID P		r P		JOSO WEATHER BUREAU ORMS OF EMGLEER SLAIME MALOME SILLARD BO FOSTIR SOMER WELBORM, JRO
	SESEA WATER WORKS BLAINE BONNIEVILLE BOWLING GREEN BOWLING GREEN SUBSTA	0624 0742	MADISON LAWSENCE HART WARREM	1 9 3 3	37 33 38 02 37 23 37 00 37 01	84 15 82 50 85 54 86 26 86 26	1010	AB	7A 6P 6P 7A 5A		MH9. LAURA B.GABBARD A. ENOCH WHEELLR NARDLD WALTLES JANES 8. EDWARDS TVA-639	MANNOTH CAVE PARK MANCHESTER A 98 MAYPIFLO MAYSVILLE DAM 59 MC KEE	9111 9330 5243 9291	EDMONSON CLAY GRAVES MASON JACKSON	3 4 6 7 2	37 11 37 06 36 44 36 38 37 24	84 06 85 43 66 39 63 42 84 00	1000	5P 6P 6P 7A	7A 7A 7A 7A	()	M (SATIONAL PARK STRYL I MORA S. MHITI MATILLO ELTTI- MITHATI- CORPS OF INGINILAS MRS.WIMNIE H- MORAN RICHARO T- SYUNGR
	SUNLING CREEN FAA AP BORNT DAM 36 BOOWNSVILLE LOCK 6 BUDDINE 2 NE BURKESVILLE	0909	WARREN LAMPBELL EDMONSON PIKE CUMBERLAMD	3 7 3 • 1 2	36 58 39 03 37 12 37 13 16 4T	86 26 8A 25 86 16 82 35 85 22	935 497 410 1643 600	MID H	TA TA BA TA	С	CORPS OF ENGINEERS ELORIDGE SKAGGS EOWIN E. JOHNSON MARVIN M. LEE	MC KINNEYSBURG META NIDDLESBORD MIDDLESBORD STWAGE PL NIDWAY	5370 5385 5394	PEMOLETON PIKE BELL HELL WODOFDRO	5 1 2 2 4	38 36 37 34 36 37 36 38 38 09	84 14 82 27 83 43 63 A3 86 A1	1130	5P	7.A 8.A	6	PL -	RICHARO 7. SYUNGH CHARLES MURRAY WPS. LELA M. HEPRILI CITY OF MIDDLESSORO CITY OF MIDWAY DAVID C. BALLEY
	CAD12 LOCK E CALMOUM LOCK 2 CAMPBELLSVILLE CAMPYILLE CARROLLTON LOCK 1	1200	TRIGG TMC LEAN TAYLON GRAYSDM CARROLL	3 3 4	36 A6 37 32 97 20 57 25 38 41	87 16 87 16 89 21 86 30 85 11	424 402 771 600 480	6P	7A 7A 6P 7A 6A	C H	G. V. CON SR. CORPS OF ENGINEERS	MILLERSBURG MILLERSTOWM MONTICELLD MORENEAD STATE COLLEGE MOUNT STERLING	5434 5524 5535 5640	SOURSDN GRAYSDN WAYNE BOWAN MONIGONERY	5 3 2 5 5	38 18 37 27 36 90 38 11 38 04	84 09 86 03 84 50 83 26 83 56	930	6P 5P	7A 7A 5P		H I	OVA M. LAWLL® ALVIN L. BERTBAM IMACTIVE 9/57 FOED CARIMILL
	CLAY CITY 1 WMW CLEBNONT 1 SSE CLINTOM COBB COLLEGE NILL LOCK 11	161	POWELL HOULLITT HICKHAN CALDWELL ESTILL	8 6 2 4	37 52 37 55 36 41 36 39 37 47	83 56 84 40 89 00 87 47 84 06	974 390 490	5P	7A 5P 7A 7A	c	JOEL W. MOUNT2 BERNHEIN FOUNDATION WOODSON D. FRANKLIN MRS BENNIE B. WHITE CORPS OF ENGINEERS	MOUNT VERNON MUNFORDVILLE 1 N NURRAY OLIVE HILL OLNEY	5684 5694 601 6024	RDCKCASTLE HART CALLOWAY CARTER NOPKIMS	3 9 7 7	17 21 37 16 36 36 38 18 37 14	84 20 85 53 88 20 83 11 87 A7	636 622 772 533	6P	7A 6P 8A	C		CITY OF MT. VERMON EGWARD A. RICHARDSON MURBAY STATE COLLEGE EABL R. NAOOLX MELVIE PARLER NEISZ MRS. ANNA L. BROWM
•	COVINGTON WB ALBPORT CUMBERLAND FALLS ST PK CYNTNIANA CYNTNIANA 2 DANVILLE	196	8 BOOME WHITLEY B HARRISON HARRISON D BOYLE	7 3 5 5 4	39 04 36 50 38 23 38 23 37 39	84 15 84 18 84 18 84 17		NID P	5P 7A 8A	C 1	J U.S. WEATHER BUREAU KY. DEPT. OF CONS. NARSHALL HILL KY. CARDINAL DAIRY R. P. COLDIRON	DNEIDA ONEONTA DAM 39 DWENSBORD 2 W OWENSBORD DAM 46 PAOUCAN FAA AIRPORT	603 609 609	CLAY CAMPBELL DAVIESS DAVIESS NC CRACKEN	7 7 7 7	37 47	83 39 84 18 87 09 87 08 88 46	512 420 404 396	S MID	7A 7A 6A HID	c	H N	CORPS OF ENGINEERS VIRGIL D. CLARY CORPS OF EMGINEERS FED. AVIATION AGEMOY
	OAVELLA DELPHIA 1 E DEMA DEWEY DAM OIR OAM	213	HARTIN PERRY KNDTT FLOYD MERCER	1 1 1 4	37 A8 37 02 37 25 37 45 37 48	82 33 83 03 82 46 82 47	000	7A 4P	AS 7A 7A	C 7A C 7A	MRS. EVA M. DAVIS BALLARD F. WALKER. JR. HATTLE B. BARREY CORPS OF ENGINEERS PHILLIP O. THACKER	PADUCAH PADUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE PINEVILLE	638	NC CRACKEN MC CRACKEN JOHNSON JPIKE BELL	7 7 1 1 2	37 06 37 06 37 49 37 29 36 45	88 31 88 36 82 46 82 31 83 42	620 680 100	5 5P	7A 8P 7A	C	Н	WESTERN P. LACKEY CITY DF PADUCAH JESSE FAIRCHILD U.S. WEATHER BUREAU FOLEY PARTIN
	DUNDEE BARRETTS FORD BE DUNMOR OYER EODYVILLE LOCK F EDMONTON	236	BONIO HUHLENBERG BRECKENRIDGE LYDN HETCALFE	3 3 3 2 3	37 33 37 05 37 43 37 03 37 00	86 4: 87 00 86 1: 88 0: 85 3	440 592 793 420 865		7A 7A 7A 7A	c	JESSE L. HUFF N. O. GIVEMS LEMA BLAIR CDRPS OF ENGINEERS JOHN E. MORAN	PRINCETON RAVENNA LOCK 12 RICHMOMD ROCNESTER LOCK 3 RUSSELLVILLE	667 680 688 704	S CALDWELL 9 ESTILL 5 MADISOM 0 HIO 9 LOGAN	4 3 3 3	37 40 37 44 37 13 36 51	83 51 84 16 86 54 86 53	63 112 40 59	2 8A 1 0 6P	7 A		н	ALTON M. HARVILL CDRPS DF ENGINEERS TNOMAS C. HERMOON CORPS DF ENGINEERS WM. 8. PORTER TVA-683
	ELIZABETHTOWN ELEMORN CITY ELETON 2 5 FALMOUTN FARMERS	28.2	O NAROIN 8 PIKE 5 TOOD 5 PENDLETOM 1 ROWAN	3 1 2 5 5	37 41 37 18 36 47 38 40 38 09	85 5 82 2 87 1 84 2 83 3	800 520 560	6P	6P 7A 7A 7A 7A		RADIO STATION WIEL EDNONO O. BEMNETT S. RICHARD ANDERSON FRANK N. LAWSON HRS. C. C. STAMPER	RUSSELLVILLE SUBSTA SADIEVILLE ST JOHN BETHLEHEM ACAI ST. MARY SALVISA LOCK 6	707 709 709 712	LOGAN SCOTT HAROIN MARIDN WOOOFDRD	8 4	36 50 38 23 37 A2 37 35 37 56	84 33 85 5 85 2 84 4 83 0	79 77 1 74 9 49	7 7A 3 0	7A 6A	c		LAWRENCE ROGERS SISTER MARY 8. BUTZ JOHN 8. BAUER CORPS OF ENGINEERS
	FLEMINGSBURG FLEMINGSBURG 2 FORO LOCK 10 FOROS FERRY DAM 50 FRAMKFORT LOCK 4	296	S FLEMING 8 FLENING 3 NAOISON 1 CRITTENDEM 8 FRANKLIN	5 5 4 7 4	38 25 38 25 37 54 37 28 38 14	83 4 83 4 84 1 88 0 84 5	5 911 6 660 6 356	6P	7A M10 6A 6A 6A	c	CORPS OF ENGINEERS	SALYERSVILLE SALYERSVILLE 2 SE SCOTTSVILLE SEBREE SNAWNEE STEAN PLANT	713 721 723 731	9 MAGOFFIN 4 MAGDFFIN 5 ALLEN 4 WEBSTER MC CRACKEN	3	37 44 36 45 37 36 37 36	83 01 86 11 87 3 88 4	3 92 2 77 2 34 7 34	0 0 5P 8 5	7A 5P 7A 7A			STANLEY GARDMER FORREST C. WILLIS NOBLE ALLEM PAUL D. TOMPKIMS TVA-709
	FRANKLIN I E FREEBURN 2 SW FRENCHBURG GAMALIEL GEDRGETOWN WATER WORKS	304 305 311	SIMPSOM FIKE MENIFEE MONRDE SCOTT	3 1 5 3 4	36 A3 37 33 37 57 36 38 38 38 12	86 3 82 1 83 3 85 4 84 3	8 860		7A 8A 7A 8A		MRS KATIE D. NEAL MRS ALTA S. GOOSLIN INACTIVE 11/58 E. GUY DECKARO WILLIAM F.BRAMBLETT	SHELBYVILLE 2 W SHEPHEROSVILLE SNITHFIELD 4 S SDMERSET SONERSET 1 N	733 747 750 751	4 SHELBY 4 BULLITT 3 SHELBY 8 PULASKI 0 PULASKI	, (38 13 38 00 38 20 37 06 37 07	84 3 84 3	7 105	0	7A 7A 6P	C	н	NRS. WILLIE S. RATTA OVIO K. MAGRUOER F. W. SIMPSOM CORPS OF ENGINEERS RADIO STA #SFC
	GEST LOCK 3 GLASGOW GLASGOW WKAY GLENDALE 1 E GOLDEN PDMO 8 M	326 326 326 325 325	D3 HENRY NI BARREN NO BARREN D2 HARDIN D5 TRIGG	4 11 11 11 11	38 25 3 37 00 3 37 00 3 37 36 3 36 54	84 5 85 5 85 5 88 0	5 780 5 808 4 710	6P	7A 1 7A 6P 7A 4P	¹c	EMILY M. BEAN RAO10 STATION WKAY OEWEY S. HILL FISN + WLDLF. REFUGE	SPRINGFIELO STEARNS SUMMER SHADE SUNMER SHADE SUBSTA TATHAM SPRINGS	780	A WASHINGTON T MC CREARY O METCALFE S METCALFE WASHINGTOM		37 41 2 36 43 3 36 53 3 36 53 3 36 53 8 37 52 8 38 02	85 4 85 4 85 0	9 142 3 86 0 - 9 69	6 P	7A 6P 7A	С	н	WM. H. GOATLEY MRS GLADYS M. GRIFFITM CHAS. H. MC NURTREY TYA-684 R. C. DEDMAN MRS. KATHRYN 8. CARR
	GRANT DAM 38 GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 8R GREENUP DAM 30	33	SE BOONE 92 CARTER 30 GREEN 35 GREEN 43 GREENUP		7 38 59 7 38 19 3 37 15 3 37 15 7 38 37	8A 5 82 5 85 3 85 3	0 503 6 900 0 630 0 590 1 530	0 6A 0 7A	7A 6A 7A 7A		CDRPS OF ENGINEERS ALBERT G. SWAMAGAN HOWARD PICKETT LYMM T. BLAKEMAN CORP OF ENGINEERS	TAYLORSVILLE TONPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAN 49	81 8 81 8 81 8	S SPENCER NONROE TRIGG NOBERSON TUNION		3 36 42 9 36 45 4 38 02 7 37 46	85 4 88 0 84 5 87 5	1 92 5 35 1 52 7 35	0	7A 7A 6A	c	c	STAMLEY NURD TVA-680 CORPS OF ENGINEERS CORPS OF ENGINEERS
	GREEMVILLE 2 W HALEYS MILL HARTFORD 6 NW HAZARO HAZARO WATER WORKS	34 35 36 37	MUHLENBERG 39 CHRISTIAN 52 ONID 09 PERRY 14 PERRY		3 37 12 3 37 03 3 37 32 4 37 15 4 37 15		2 86	99	5P 8A 7A	c	C. R. LOVELL CLEATUS E. BRIMKLEY DAVID K. CARSDN H. A. BALLEY H LEE J. NDGSTDM	VALLEY VIEW LOCK 9 VANBUREM VANCEBURG DAN 32 WAYNESBURG 7 NE WEST LIBERTY	82 82 84 85	JESSAMINE O ANDERSON OP LEWIS B6 LINCOLN OF HORGAN		4 37 51 8 37 58 7 38 39 2 37 25 5 37 55	83 2 84 3 83 1	0 55 1 52 6 121 5 85	8 5 6P 5 2 8A	7A 7A 7A 8A			EDWARO 8. STEVENS CORPS OF ENGINEERS MRS. RITA RIODER MRS. ELIZABETH BROWM
	HEIDELBERG LDCK 1A HENDERSDM A SW NERNDON HICKMAN 1 E HICKSVILLE	37	41 LEE 62 HENDERSON 98 CHRISTIAN 16 FULTON 21 GRAVES		4 37 33 7 37 47 2 36 44 6 36 34 9 36 A8	83 4 87 87 89 88 88 88	7 38 34 51	2 6P 2 7A	6A 6P 7A 7A	c	MRS. NELL S. CALVIN IVA-679	WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK DAM WOODBURY LOCK 4	87 87 88 88	OP WHITLEY 14 GRAMT 24 LEE 07 RUSSELL 24 BUTLER		4 38 38 4 37 36 2 36 52 3 37 11	84 3 83 5 85 0	8 9:	14 7A 49 85 8A	6A	8A C	C C	ESTIL M. MEADOWS HENRY NORTHCUTI CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS
	NIGH BRIDGE LDCK 7 HINDNAN SETTLEMENT SCI MODGENVILLE NAT PARK HOPKINSVILLE HYDEN	40	37 JESSAMINE 99 KNOTT 29 LARUE 94 CHRISTIAN 93 LESLIE		A 37 49 4 37 20 3 37 32 2 36 51 4 37 10	85	30 54	0 8A 8 0 7A	7A 7A	c	CORPS OF ENGINEERS NINOMAN SETTLEMENT SCN. MATIONAL PARK SERVICE N MEWELL F. SNITH MRS. FERN F. ELAN	PUBLICATION ENDE BLEDSDE 2 SSE		70 MARLAN		4 36 54	83 2	18	70	7.A			EFFECTIVE 6/59
	INE 2 IRVINGTON JACKSON JEREMIAH KEENE 1 NNE	41 42 43	34 NARTIN 65 BRECKINRIDG 96 BREATHITT LETCHER JESSAMINE	٤	1 37 52 3 37 53 4 37 33 4 37 10 4 37 5	82 86 86 83 83 82 7 84	17 64 23 79 56 115 38 94	6 7P	6P 7P 7A 5P 7A		UNITED FUEL GAS CO. N FLOYD G. ROBBINS JAMES O. HALONEY HOBART ISON NUGN W. BUFFIN												
	KENTUCKY DAN LA GRANGE 1 SW LANCASTER LEITCHFIELO LEXINGTON WB AIRPORT	A 6	LIVINGSTON ODDHAM CO GARRARD GARYSON CAG FAYETTE		9 37 01 7 38 24 4 37 3 3 37 25 4 38 0	4 85 7 84 9 86	24 87	4	5A 6A 8A 8A MID		TVA-379-A ALBERT V. HARDIN KENTUCKY UTILITIES CD. CLYDE STIKELEATHER U.S. WEATNER BUREAU					1			1				

\$ 1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT, 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- $\ensuremath{\mathtt{X}}$ Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY.

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JULY 1959 Volume LIV No. 7



TO TO SERVE

KENTUCKY - JULY 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 9th at Fords Ferry Dam 50

Lowest Temperature: 49° on the 3rd at Benton 2

Greatest Total Precipitation: 9.07 inches at Bonnieville

Least Total Precipitation: 1.51 inches at Hindman Settlement School

and Jackson

Greatest One-Day Precipitation: 3.70 inches on the 24th at Millerstown

CLIMATOLOGICAL DATA

PENT JOY

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					Ter	perel	18		7				-71			-		-		-00		1
Station		Arerega Max o	4 00 00 A	Are with	ace e note ton,	Pr. grants	Date.	Shear	• 0	3	Nove 3		N N N N N N N N N N N N N N N N N N N	Per v	, Th	, Wes	ů P	5.00	Ď	W.A.	3	
WESTERN BEAVER DAM BENTON 2 FORDS FERRY DAM 50 GOLDEN POND 8 N GREENVILLE 2 W		88.5 89.2M 88.6 89.5 87.6M	65.1 63.4M 66.9 62.2 64.5M	76.8 76.3M 77.8 75.9 76.1M	- 1.8	93 96 99 95	31+ 30+ 9 30+	55 49 58 50 54	13+ 3 3+ 3 13+	0	14 19 10 21	0 0	0 0 0	0 0 0 0 0	4 • 98 3 • 98 2 • 62 8 • 45 4 • 38	14	1.02 1.00 .84 2.20	25 25 24 22 19	•0	0 0 0	10 8 7 11 10	5 1 4 1 1 0 6 3 3 0
HENDERSON 4 SW MICKMAN 1 E HOPKINSVILLE LOVELACEVILLE MADISONVILLE 1 SE	AM AM	87.3 89.7 86.6 88.6 88.2	65 a 8 64 a 4 64 a 8 64 a 9 64 a 4	76.6 77.1 76.7 76.7 76.3	- 2+3 - 2+1 - 2+6	94 96 96 95 94	30 1 31+ 30 1	55 52 55 53	3 3 2 3+ 3	0	7 18 15 15	0 0 0 0	0 0 0	0 0 0 0 0	3.91 4.02 8.07 3.54 3.82	.70 4.4? .35	1.33 1.17 2.50 1.43 1.03	5 22 23 25 19	. O . O . O	0 0 0	7 10 9 9	4 1 2 2 5 3 2 1 2 1
MAYFIELD MURRAY OWENSBORO 2 W PADUCAM FAA AIRPORT PADUCAM		89.4 88.5 88.2 87.4 91.0	65.3 65.9 66.1 66.2 65.5	77.4 77.2 77.2 76.8 78.3	- 2·1 - 1·3		18 30 30 30 30 30+	55 54 56 54 54	3+ 3 13+ 3	0	17 16 15 9	0 0 0 0		00000	4.87 4.86 7.14 3.21 3.68	1.22 3.79	1.64 1.32 1.05 .74 1.93	24 23 19 21 26	•0	0 0 0	0 7 14 10 6	3 2 2 6 2 2 1
PRINCETON RUSSELLVILLE DIVISION		88.7	64.6	76.5 76.4 76.8	- 2.5 - 2.2 - 2.0	95 94	31+ 31+	54	13+		16	0 0	00	0 0	4.90 4.11 4.74	1.59 28	1.57	18	•0	0	8	4 1 4 0
CENTRAL ANCHORAGF BARDSTOWN S J PREP SCH BONNIEYILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		89.3 89.3 87.9 89.2 89.4	63.8 64.4 63.8 65.4 65.7	76.6 76.9 75.9 77.3 77.6	•5 - 2•1	94 95 93 97 94	30+ 9 29 29	53 52 56 56	3 7 3 11 3	0 0	20 19 12 19	00000	00000	00000	2.74 7.43 9.07 3.17 7.62	93	1.68 3.17 3.20 1.81 2.51	23 23 23 23 24	.0 .0 .0	0 0 0	6 9 8 8 8	1 1 4 2 5 3 1 1 5 3
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АМ	92.3 88.4 86.8 89.0 90.0	63.6 62.3 64.9 64.2 64.9	78.0 75.4 75.9 76.6 77.5	- 1.0 4	98 96 92	10+ 31 30+ 31+ 31	52 50 55 54 54	3	0 0 0	26 12 9 13 22	00000	0 0 0 0 0	0 0 0 0	3.73 5.18 4.72 7.29 2.72	3.06	1.04 1.51 2.25 2.00	23 23 17 24	. O . O . O	0 0 0 0	7 10 8 12 9	4 1 3 2 3 1 4 3 1 0
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK ST JOMM BETHLEHEM ACAD	R AM	87.5 92.1 91.6 88.5 87.4	65.8 68.8 68.0 60.0 65.1	76.7 80.5 79.8 74.3 76.3	1.9	93 98 98 94	31+ 9 30+ 31+ 10	57 58 58 50 59	3 3 13+	0	12 27 23 15	0 0 0 0 0	0 0 0 0	0 0 0 0	6.41 3.53 2.61 3.96 4.80	2.55 47 .84	1.82 1.34 1.16 1.05	19 23 23 27 24	.0	0 0 0	6 9 5 8	5 3 2 1 2 1 3 1 5 0
SCOTTSVILLE SUMMER SHADE WOLF CREEK DAM DIVISION	АМ	88.A 89.7 90.0	65.3 64.7 61.9	77.1 77.2 76.0	- •7	94 96 95	31+ 8 10+	54 54 53		0 0	11 20 17	0 0 0	0 0 0	0 0 0	3.98 2.53 3.78 4.74	•67	1.77	14	• 0	0 0	8 6 10	2 1 2 0 1 1
BLUE GRASS BEREA COLLEGE CARROLLTON LOCK I COVINGTON WB AIRPORT CYNTHIANA 2 DANVILLE	R AM AM	89.9 88.9 88.0 90.0 87.9	64.5 63.9 65.3 62.6 64.6	77.2 76.4 76.7 76.3 76.3	•2 1•6	97 96 94 98 93	9 9 31+ 1 10+	55 54 55 51 55		0 0 0 0 0	13 20	0 0 0 0	0 0 0 0 0	0 0 0 0 0	3.05 3.41 2.77 6.39 6.57	- 1.94 02 98 2.25	.85 1.60 .64 1.73 1.26	17 24 23 24 17	•0	0 0 0 0	7 6 7 9	3 0 2 1 2 0 6 1 6 2
DIX DAM FALMOUTH FLEMINGSBURG 2 FRANKFORT LOCK 4 LEXINGTON WB AIRPORT	AM R	89.0 89.0 86.8 89.3 87.7	66.2 63.2 64.2 63.8 66.9	77.6 76.1 75.5 76.6 77.3	- 1·1 •7	95 95 93 96 94	1	55 53 55 55 56	7+	0 0 0	7	00000	00000	00000	3.82 5.21 8.32 4.73 4.05	1.20	1.92 2.37 1.68 1.49 2.38	24 24 1 28 23	• 0 • 0 • 0	0 0 0 0	7 7 13 6 7	1 1 2 5 2 3 3 2 1
MAYSVILLE DAM 33 MOUNT STERLING RICHMOND SHELBYVILLE 2 W WARSAW LOCK 39	AM AM	86.5 86.9 87.6 88.3 91.0	63.0 64.4 64.5 65.3 66.3	74.8 75.7 76.1 76.8 78.7	- 1.5	94	9	55 55 52 56 51	3 13 3+	0 0 0	5 10 11	00000	00000	00000	5.34 3.32 5.06 5.08 4.32	1.02	1.30 .87 1.96 1.92 1.28	24+ 24 15 24 24	. O . O . C	0 0 0 0	9 6 6 10 6	4 3 2 0 4 1 3 1 3 3
WILLIAMSTOWN 5 WSW DIVISION EASTERN	ΑМ	87.9	62.8	75.4	- 2+2	94	1	55	12+	0	13	0	0	0	5.44	1.65	1.31	19	•0	0	9	4 3
ASHLAND DAM 29 BARBOURVILLE BAXTER BENHAM BLAINE	AM AM	88.0 90.1M 86.9M 88.5 88.8	66.2 64.4M 64.1M 59.8 60.7	77.1 77.3M 75.5M 74.2 74.8	•0	96 95 95 96 95	31+2	55 57 55 51 50	8 9 11+	0 0 0 3 0	21 9 14	0 0 0 0 0	00000	00000	4.08 3.30 3.45 5.86 4.63	.03	1.32 .61 .80 1.08 1.24	6 5 20 27 22	• O • O • O	0 0 0 0	7 9 8 12 8	3 1 4 0 3 0 4 1 4 1
DEWEY DAM FARMERS GRAYSOM 1 SE HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH	AM AM R AM	88.5 88.4 87.7 88.7 86.9	63.8 63.5 63.5 63.6 61.9	76.2 76.0 75.6 76.2 74.4	•3	95	29+ 24 31+	54 53 54 55 52	3 4	0 0 0 0	10 13 9	00000	00000	00000	4.71 7.16 2.67 2.66 1.51	2 • 61	1.60 2.53 .63 .62	28 2 6 23 14	• O • C • O	0 0 0 0	8 10 8 9 5	4 2 7 1 2 0 1 0 1 0
INEZ LONDON FAA AIRPORT MANCHESTER 4 SE MIDDLESBORO MONTICELLO		89.3 86.5 89.5 88.7 88.3	59.0 65.2 63.9 64.1 64.8	74.2 75.9 76.7 76.4 76.6		96 93 95 94 94	1 9+ 30+	52 59 56 55 54	13+	0 0 0	18	00000	00000	00000	3.01 5.52 4.78 4.72 4.05		1.50 .77 1.60 1.05	14 17 20 27 18	• O • O • O • O	0 0 0	6 8 11 9 6	3 1 4 3 4 0 4 1 3 1
MOUNT VERNON		88.1	63+6	75.9		94	9+	53	7	0	12	0	0	0	4.97		.90	22	.0	0	10	4 0

CLIMATOLOGICAL DATA

CONTINUED														. 4 3										CKY .959
					Ten	nperal	ture										- 1	Precip	oitation					
											N	lo. of	Days						Sno	w, Sleet		N	o. of D	ays
Station		Аувгаде	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	Above we	5 3	32° or Below		Total	Departure From Long Term Means	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY WILLIAMSBURG 2 OIVISION	AM AM	89.8 86.8 87.4 88.9 89.7	65.8 63.3 63.1 62.5 64.3	77.8 75.1 75.3 75.7 77.0	3	96 95	1 30 16+ 10+ 10+	59 54 56 52 58	13+ 7 8 3 8	0	7 10 14	0 0 0 0	0 0	0 0 0 0 0	4.48 4.36 4.73 6.05 4.91 4.36	- •41 •55 •10 - •28	1.26 1.28 1.42	14 17 2 28 31	•0 •0 •0 •0	0 0 0 0		8 8 7 13 13	1 4 5 6 5 6 5 6 5	

SUPPLEMENTAL DATA

	Wind	hrection		Wind m.	speed p. h.		Relati	ve humi perc		rages -		Numb	er of da	ys with	precipi	tation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p CST	Trace	6010.	.10–.49	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to s
COVINGTON WE AIRPORT LEXINGTON WE AIRPORT LOUISVILLE WE AIRPORT	SSW S	13 14 11	7.5 8.5 8.1	23 -	SW -	23 -	78 82 78	82 85 83	50 51 49	58 62 58	4 5 2	2 7 6	5 5 3	2 1 1	0 0 1	0 1 0	13 19 13	- - 81	8.5 8.2 5.9

	1												Dan	of mo	n.Th.																
Station	Total	1 1	2	3)	4 5	6	7	8	9	10	11 1	2	1	of mo		16	7	18	19 7	20 2	1 2	22 2	3 2	4 2	25 2	6 2	27	26 2	20] 3	0 3)1
ADDISON DAM AS AURANY A N	7.94	T	+62 +87 +44 +97			.98			7	*01 *40 *II	- '	.03		. 25	ī		.03	. 95	1	129		10.	26 . 17 .	60	-61 -79 -17		.07 1		T +02	. 14	27 .
ALLEN ANCHORAGE APEX 2 NE	2.74	T	•05			+21				.07		14			T	T		.02	.03			.25 1. 2.	40 .	66	.04		T 1		.38		.01 .
ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BAXTER	4.08 9.30 7.43 9.45		-15		T +6				1	.08 .10	.05	١			.69		. 14	.45	.80 .54	.17 .02				15	.38 .05 .65	.16	. 24	.01 .41 .29	. 10	11	.10 .
REAVER DAM RENION 2	9.80 9.80 9.80	. 11 T	.18	.07	. 1	T			. 52	-12	.09	r	т	. 7R		.91	7	.10	.11	. 99	7	.30	.41	19 1	.04	.09 I	.08	. 8 T . 0 9			.38 .
BEREA COLLEGE BEREA WATER WORKS	4.12	+13	. 14		.2	.16						Į,		.20	.21	.10 1	.85	.08	T .13	.01			. 8 3	30	.31		.08	.14	1 .03	. T3	.61 .
BLAINE RONNIEVILLE ROWLING GREEN BOWLING GREEN SUBSTA ROWLING GREEN FAA AP	4.69 9.07 2.89 A.24 3.17	T T +27	+07 +04	T	:	.67			1			10		т		T	.97 .03 .03		2.10 .03 .11	.09		.51 3 .03 .03	• 20 • 32 • 46 1 • 81	03 85 39 05	.03 .17 .01	T T	.16	.44			.01
RRENT DAM 36 BROWNSVILLE LOCK 6 RURDINF 9 NF BURKESVILLE CADIZ LOCK E	3.99 9.10 3.60 3.79 3.22		1.00 .12 T		.1	.10 .9:	5			.08	T	т		• 21		T .07 .10	T .09	.37 .29 .49 .48	.20	. 44 T		1	.29 1 .58 1 .20 .62		T .40 .32 .34	T 11	T T		T + 48	.43	*
CALHOUN LOCK 2 CAMPRELISVILLE CANFYVILLE CARROLLTON LOCK 1 CLAY CITY 1 WNW	0.43 7.62 9.42 3.41 3.99	. 33	.90 .04 .60 .40			1.6 1.0 1.0	2					• 09		T		.03	.03	.69 .01 .21 .11	.84 1.40 1.17 .31	.09			.34 .61 2 .83 .06 1	60	.01 .02 .05		•11 •14 •52 T	.08		.08	.05
CLERMONT 1 SSE	3.73		*18		т	+0:	4			+35		,	,	*	.13	.02	,	• 12	. 90 T	.04	.02	1	.04 .20 1	.11 .50	.56 .10 .37	T .01	. 70	.16	. 24	1	.01
COLLEGE HILL LOCK 11 COVINGTON WE ATROORT R CUMBERLAND FALLS 3T PK	3.25 2.77 7.49	.49	•47 •27			07 ±1°				.16				'	.07		T +43	1.45	. 33	1.02		.93	.60	. 73	± 60	T	.16	+25 +28		T .	.18
CYNTHIANA CYNTHIANA 2 OANVILLÉ OELPHIA 1 E	6.39		•14 •08 •66		•	43 .0	6 .02			1.50	.20	١		۰07		T	1.26	•13 •22 •90 •03	.51 .60 .18 .40	.13 .06 .13	.18	T _20	.50 1	.72 .73 .75	.21 .27 .08 .15	.88	. 30	.81 .91 1.23 .20 1.60	.77	.02 .18 .35	.01 · .52 · .12 · .35 ·
DEWEY DAM DIX DAM DUNDER MARRETTS FORD MR	3.82 3.87		1.19 .16 .30			10 •0 •0	5					.03				.02	•38 •03	.01	1.23	T + 35				. 40	Т		.18	.47	.22 .38	Т	T
OUNMOR BODYVILLE LOCK F BOMONTON	5.89 2.88		•20 •10		т	1.5 .1	5			. 42		.03			.08		. 25	.68 1.16	.39 .05	.33		.05		.34 .52 .25	*12 *13		.18				
ELIZABETHTOWN ELKHORN CITY	9.18	. 32	.68	*14		30 12 •1								.38		.12	.36	. 36	.60 .37	.70				· 25 · 21 · 35	.40 .28	T	1 - 12 T	.20	.26	1 . 33	•21
ELKTON 7 S FALMOUTH FARMERS	3.84 5.21 7.16	T	•35 •91 2•93		T	05 .9 .1 08 .6	6			.51		.25		. 50				.02	.61	1.07		.03		. 88	.14	. 23		.02	.04 .85	.05	.07 .
FLEMINGSBURG FLEMINGSBURG 2 FORD LOCK 10 FOROS FERRY OAM 50 FRANKFORT LOCK 4	6.88 8.32 4.97 2.62 4.73	1.69	1.76 .26 .27		:	99 .1 41 .0	5		.16	.14 .05		e I 8		т	.03	1.05	.03	*04 *39 *02 *41 T	.46 .25 .07 T	.99 .05		.08	.07 1 1.23 .18 1 .28 T 1	. 94	.81 .33 .14 .02	*15 *09 T	•07	.53 .47 .10 T	.17 .82 .06	. 43	T
FRANKLIN 1 E FREFBURN 2 SW FRENCHBURG	2 • 71		.29	.02		• 4		~	_	•31 •01				•06	±44 ±27	.13	.19 .01	T . 04	.07	.57		•24 •07	.11	18 14 21	.12 .19		.12	1.20	. 43 T		.45
GAMALIEL GEORGETOWN WATER WORKS	4.65		•13 •22	T		07	ш			.3R					1.18	.03	404	*02	.10 .40	.49 T		. 78	.36 .53 1	. 65	. 32 T			1.26	+13 T	.70	.05 .
GEST LOCK 3 GLASGOW GLASGOW WKAY GLENOALE 1 E GCLOEN PONO 8 N	4.79 4.39 4.77 7.19 8.49	2 .34	.13 .56	•08	1	e1	. 2			1.40	.10					.10	.70 2.25	1.02	*18 2.37 *15	•10	.17	.76 2.20	.80	. 24	.40 .12 .12 .02	.03 .05 .32	.30 .35 .32 .02	.01 .33 .35	.03		:
GRANT OAM 38 GRAYSON 1 SF GREENSRURG GREENSBURG HIWAY 61 RR GREENUP OAM 30	2.91 2.6 7.29 7.1 3.71	7	.33 .45 .24 .25			02 05 04 10	3 3 5			T •41 •54 •02					.07 .15		• 42 • 32	.10 .40 .46		19 •02 •03 •42			•18 1•05 •91 T	.02 .15 2.00 1.97 .20	.38 .07 .11 .09	.53 T	. 24 . 22	.28 .16 .29 .33 .71	.07 .16 .09	.03	.35
GREENVILLE 2 W HARTFORO 6 NW HA7ADD WATER WORKS MEIDELBERG LOCK 14 R MENDERSON 4 SW	4.3 3.4 4.8 2.6 3.9	4 2 6	*07 *04 *15	.55		10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16		.14	1.96	.40	т				7 •25 •02	• 22 • 36 • 05 T	T • 19 • 39 • 50		.24 .26 .08	• 52	.45 T	.80 .29 .93 .62	.10	.02 .36 .23 .03	. 22	.12	.69 .37 .06 T	+04 T	.15	.05 · .07 · .20 ·
HICKMAN 1 E HICKSVILLE	4 • 0: 7 • 3	2				32 .:				.30 .64						.07	1.50	. 29 . 40		T .11		1.17 .18 .12	015		2.12	1.18	.16	1.21	• 25 • 23		.05
HIGH BRIDGE LOCK 7 HINOMAN SETTLEMENT SCH HOPKINSVILLE	7.2 1.5 8.0	1	6 32 6 57	.05		11	52			1.10		. 35		• 07			•16	.30	1	.04			.25 2.50	.15 1.96			. 07	.35 .11	.72	.01	.60
HYOEN INEZ IRVINGTON	7 · 2 3 · 0 2 · 7	1 .6	•02 6 •09			21	11			• 06	.02			1+15	. 36 T	1.14	.75 .03	.02	.15	.86	Т	.26	. 44	.15	.32	.08	. 15	.20		.30	
JACKSON JEREMIAH		7 • 1				30	12			•21					.10	1.10 T	.53	• • • •	.10	.20		+21	•26		.16	. 33	. 30 T		.20		.07 .
KEENF 1 NNF KENTUCKY OAM LA GRANGE 1 SW LANCASTER LEITCHFIFLO.	5.0 3.3 2.7 6.2 6.4	9 4. 5	• 26 • 12 • 11 • 63	!			28 10 07 79					• 03		+10	• • •	•29 •02		1013	.07	T +34	.08	•12 •26	.60 .05	.98 1.30	.05 .41 T	*07 T	.10 .08 1.35	.05 1.95 .09	T	.05	Т .
LEXINGTON WB AIRPORT F LIBERTY LITTLE HICKMAN LOCK B LOCKPORT LOCK 2	6 a 1 3 a 4 7 a 2	1	.90 .50)		T	20			•13			Т	.06 .15	T .40		.02	.07	.60 .15	.50 .18 .23		.18 .20 .15	2.38 1.25 .20 .08	1.25	.10 T		.34	.20 .18	.10	.22	.77
LOUISVILLE UPPER GAGE	2 · 4 3 · 5 2 · 6 3 · 6 3 · 5	3 3 •1 1 •0	.36 0 2	3		.10	32			т	.16				• 09	T T	•20	.01 .21		*05 T	т	.53		.29	.29 .23 .09 .13 1.43	.08	.65	.04		•27	*10
LOVELACEVILLE MAOTSONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIFLD	3 · 6 3 · 9 4 · 7 4 · 6	32 96 •1	.9	.6	0	.27	36 45 32			•28					.71	. 21	• 03 • 08 T		5	.02 .77			1.05	.39 .32 .27 1.64 1.30	.73	.17	1.05	.03 .20 .30	1	.15	-15
MAYSVILLE DAM 33	5.1	12	.1			.42 .	74 30				.02				.07	. 20	• 26 T	.0	7 .51	1:13		T	•19	. 12	.50		1.60			.03	.49
M100LE380RO MIDWAY MILLERSTOWN MONTICFLLO	4.7 5.6 8.6 4.6	93	• 8' • 2' T		.06		04		T	.09			T		. O:	.00	.01 .03	1.0	2.09 0.06	.45		. 26	•20	3.70	.82		• 0	.08	+41	407	.03
MOUNT STERLING MOUNT VERNON MUNFORDVILLE 1 N MURRAY OLNEY	3 a 8 a 4 a 5 4 a 5 3 a	97 •: 40 86 •:			1	.70	103		. 4		۰09		Ť			*12 *10 T	.0	. 5	1.84			.90 T 1.11	7 •21 1•32 •78	. 83 2.07 .33	.11	Ŧ	1 . 2 · 7 · 3 ·	.06	.03	100	•02
										See R	eferen	ice N	otes :	Fol lo	wing	Stati	on In	dex													

0	Total													Doy	y of m	onth																
Stotion	Tol	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEIDA ONEONTA GAM 3K OWENSBORO 2 W OWENSBORO GAM 46 RAGUCAM FAR AIRRORT	4.49 4.58 7.14 7.48 3.21	•26	.79 .65 .62 .68	•07		Ť	*25 T *53 1*36				•28 T	e 30	a 36				•09	.09 .08 .55	.68 .10	1.05	.09	.74	•12 •11 •29	. 78		.09 .45 .53		. 48	•32	.19 1.04 .95		•25 •26
PAOUCAH RAINTSVILLE RIKEVILLE RINEVILLE DRINCETON	3.68 3.93 4.48 2.64 4.90	Ť	.43 .05			.02 .31	T •43 •43			08ء		• 24 • 54			.20 1.85		•15 •26	.36 .05 .01	T •04 •01 T 1•57	∗56 T	:80 :09 :04	• 32	ĭ ₀03 ₀62	.63 .20 .16 T		.03 1.02		.49	.03	, +#2 T	•35	1.20
PAVEWNA LOCK 12 PICHMOND POCHESTER LOCK 3 PUSSELLVILLE RUSSELLVILLE SUBSTA	4.03 5.06 3.68 4.11 4.10	*42 *23	.07 .69 .31			.07	1.18 .07 .20 .51 .63				T e16 T		*13 *20 *22		т	1 • 96	• 22 T	.43 .07 .02	• 22 • 25 • 03 • 14	.03 .36	.77		•24 •02 •03		.64 .43 .26	.04 .18	.12	•02 •01		*29 *71 T *82 *94	т	•23 T
ST JOHN BETHLEHEM ACAO SALVISA LOCK 6 SALYERSVILLE 2 SE SCOTTSVILLE SERREE	4.80 5.38 3.22 3.98 6.20	.09 1.10	+09 +36			.04 .95	.44 .04	.67		۰04	e02				•03 1•77	•60 •04	.06 .04	•07 •03 •17	.15	•25 •57 •75 •21	.03 .08 .08		+36 +33	• 05	.83 2.55 .03 .13	o14	. 23	•01	•14		• 02 • 0 6	
SHAWNEF STEAM RLANT SHELBYVILLE 2 W SHERHEROSVILLE SOMERSET 1 N SRRINGFIELD	2 • 4 9 5 • 0 8 4 • 2 6 4 • 3 6 6 • 2 1	•02	.53 .21 .02 .08 .47			e08	•04 •06				ø 56		•21			•11	.03	•23 1•26 •15	.03 .07	.48	Ť	.02	.37 .62 .53 .38	+26 1+59	.39 1.92 1.09 .52 3.33	.47 .20	•12 •11	• 12	.06 .20	.03		.12 .02
STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TAYLORSVILLE TURKEY CREEK SCHOOL	3.92 2.53 2.04 3.67 5.71	.05	•05 •02 •42			°25	•12 •04 •50				.51 .03	•28	۰01		T	*15 *09	T .02	•14 •55 •14	•10 •22	1.00	.96 .79 .04		.17 .05	.40	.37 .30	.18 .19	• 92	T •13		T 437		.06
TYRONE LOCK 9 UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANBUREN VANBUREN VANCERURG DAM 32	5 • 35 2 • 74 6 • 39	RECOR	.86 .07 .32 0 M15	SING			.05 .10 .05						٥07		Ť	•17	2.70	•55 •02	.02 .48 .03	·42	.02 .05		.05 .03 .51		1.99 .68 1.24	.16		.21		.42 .04 .45	.06	+11 T
WARSAW LOCK 39 WAYNESBURG 7 ME WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW	4 • 32 5 • 41 6 • 05 4 • 91 5 • 44	т	1.25 .48 .34			.08	•03 •18 •13 •66 •22				• 21	•14		.24		•06	.04 .12	e 2 0	.20 .02 .16	005	*12 *33 *26 *48		т	•36 •21 •24	0.25	.72 1.82 .52	•11			1.01 .24 .30	.27	.03 1.10 .57
WILLOW LOCK 13 WOLF CREEK DAM WOODBURY LOCK 4	3.13 3.78 6.90		•32 •06 •83				*15 *21 1*05				•04 •25		e 25				.10 .18	•13	*21 1*05 *20	e24					.30 1.27			.03	.01 .23 .18	-76		•02 •32

REFERENCE NOTES

Additional information regarding the climete of Kentucky may be obtained by writing to the State Constologist at Weether Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles end direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin

Mootbly and seasonal snowfall and beeting degree days for the preceding 12 months will be carried in the June issue of this hulletin.

Stations appearing in the Index, but for which deta are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, ae used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Tempereture in °F, precipitation end evaporation in inchee and wind movement in milee. Monthly degree day totals are the sums of the negative depertures of average daily temperatures from 65°F.

Byaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Byaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "D. S. Weather Sureau") are besed on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term meens for all stations except full-time Weather Bureau stations ere besed on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of enow, elect, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occesional drifting and other ceuses of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of enowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal scowfell table include snow and sleet. Entries of snow on ground include snow, sleet end ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Eveporation end Wind" Teble; and enowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station ludex showe observation times in local etanderd time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Teble is at observetion time for all except Weather Bureau and FAA etatione. For those stetions snow on ground velues are at 6:00 a.m., C.S.T.

- In the Station Index the letters C, G, H, end J in the "Special" column under the heading "Observation Time and Tables", indicate the following:
 - C Recording Rain Gage Station. Bourly precipitation values are processed for special purposes, and are published later in "Bourly Precipitation Data" Bulletin. G "Soil Temperature" Table.

 Bulletin. G "Soil Temperature" Table.

 Show on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

 "Supplemental Data" Table.

OTHER REFERENCE NOTES

General weather conditions in the D. S. for each month are owecribed in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL BUNGARY, and HYORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Weekington, D. C.

Information concerning the hietory of changee in locations, elevatione, exposure, etc., of substations through 1955 may be found in the publication "Substation Bietory" for this state. That publication may be obtained from the Superintendent of Documente, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Cilmatological Bate for the respective stations, obtained as indicated shore, price 15 cents.

Bubscription Price: 20 cents per copy, montbly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Euperintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Machington 25, D. C.

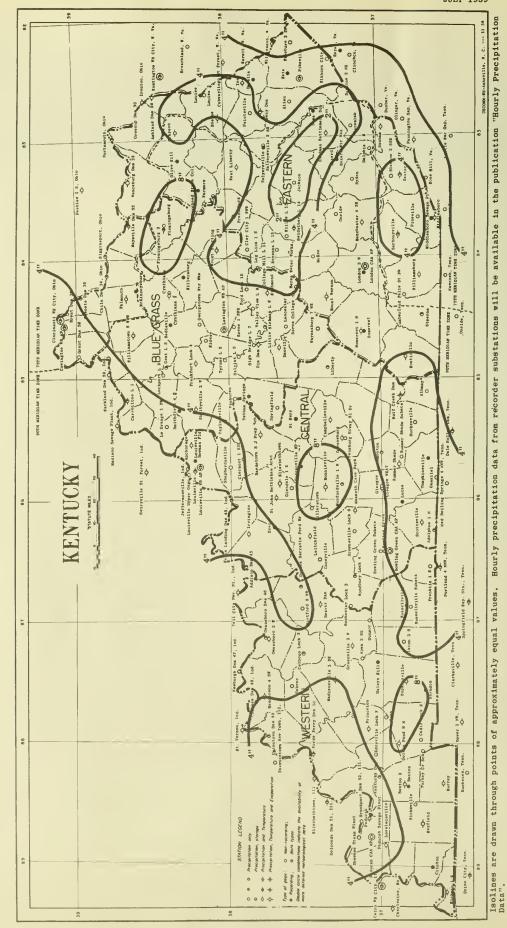
DAILY TEMPERATURES

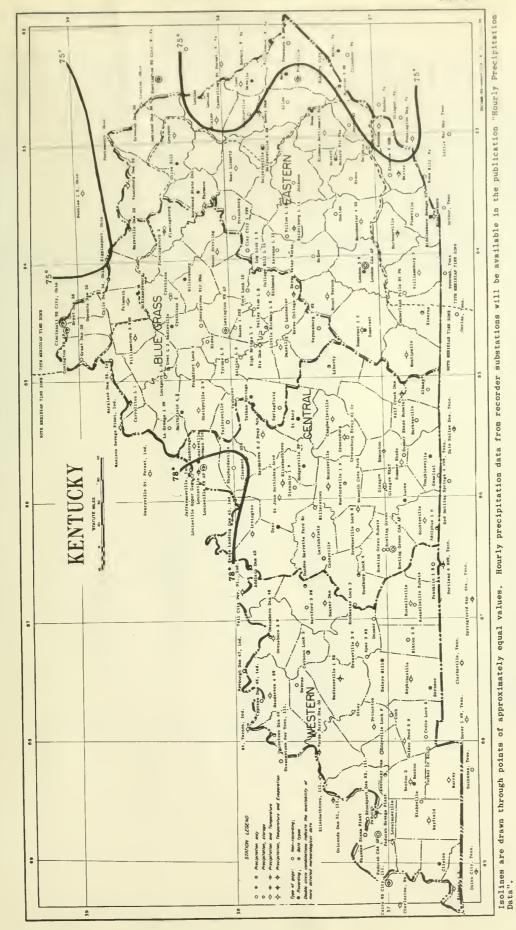
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Station		1 1	7.T	3 1	4	5	ьТ	7	0	9	10.	11	12	13	1-4	Tery 15	OLM o	-	18	19 .	70 T	21	, T	/1 Z	4 2	07 2	2		H 7	9 1	1 3	1	Average
ANCHORAGE	MAX	94	78	R S	88		90	92	93	94	90	92	87	92	0.1	92	23	90	92				89 68					20	90				89.1 63.8
45HLAND DAM 29	MAX	96	76	130	9()	B 4s	87	84	90	92	86	87 59	R 5	88 60	88	91	91	9	90	R.S.	89	пп	8 R 6 G	93	8.8	81		8 4 6 9	8 B				88.0 66.2
BARBOURVILLE	MIN MAX MIN	71	62 89 65	86	59	90	89	90	91	95	94	85 63	90	91	91	90	92	8.8 6.6	85 63				90 65					90 67	-				90.1
BARDSTOWN S J PREP SCH	MAX MIN	92	80	86 96	89	84	90	93	93	95	90	90	87	90	91 64	91 63	91	87 65	91			90	90 70	88 69			91	92	8.7 6.8				R9.3
BAXTER	MAX MIN	93	95	74	86 61	89	85	88 58	90 58	91	92	80 62	86	86 63	88 61	88 62	85 62	8.8 6.2	85 67				89 62		9.7 6.7			90 68	87 68		90 71		86.9
BEAVER DAM	MAX MIN	92	79 56	83	88 58	85 67	88	8 7 5 8	93 57	92	87 65	89 56	83	86 55	89 61	91 67	90 67	90 71	92		8.8 6.2	90	8 B 7 O		85 69			91 69	87 69				88+5 65+1
RENHAM	MAX	95 63	96 63	71 53	90 56	91 62	90	88 54	90 54	92 51	94 51	85 51	89 56	87 54	69 58	87 59	77 57	88 62	8 % 6 4		87 65	87 56	90 61	87 63	88 67	88 65	8 9 6 5	93 62	90 64			94 64	88.5 59.8
BENTON 2	MAX	70	86 55	83	82 53	83 75	90 64	90 57	93 53	96 54	89 60	93 53			89 56	90 68	87 64	90 65	91 70	91 71	90 57	88 61	83 66	87 68	68	83 66	90 67	90	91 70				63.4
BEREA COLLEGE	MAX	95 69	80 65	86 55	92 55	86	91 66	90 55	94 57	97 65	94 64	94 61	91 61	92 60	89 60	87 63	89 60	86 65	90 67	84 67	90 67	91	86 69	89 70	85 69	67	91 65	90	91 68	69	72	71	89.9 64.5
BLAINE	MAX	95 64	80 62	86 51	91 52	63	89 64	86 56	92 52	94 57	88 64	90 50	88 54	90 53	90 57	90 59	92 61	96 60	89 60	85 65	89 64	90 60	87 60	90 65	67	67	90 66	82 67	90 66			92 66	60.7
80NN1EVILLE	MAX	92 68	79 61	89 52	88 56	82 68	89 68	89 54	92 56	91 61	89 66	88 55	85 59	8 8 5 3	91 59	92 65	91	83 66	70	84 68	60	60	86 69	70	72	69	91 66	67	90 68	93 69	70	70	87.9 63.8
BOWLING GREEN FAA AP	MAX M1N	94 70	76 61	83 58	92 61	76 69	90 65	88 60	95 59	94 65	89 63	90 56	85 59	88 57	90 63	91 64	90	90 69	91 68	84 67	90 61	92	89 68	85 69	71	70	91 6 R	69	92 72	71	72	73	65+4
CAMPBELLSVILLE	MAX	92 71	81 61	87 56	88 61	86 67	89 66	90 57	92 61	93 65	92 68	91 58	86	91 58	91 62	93 66	91 65	86 67	69	85 68	88 64	63	86 70	87 70	70	85 69	91 67	70	90 71	93 69	93 72	73	65.7
CARROLLTON LOCK 1	MAX	95 71	76 57	82 54	90 56	87 68	88 69	87 55	95 56	96 62	89 61	91 58	85 57	86 55	88 60	90 62	93 63	90 68	93 68	90 71	88 62	62	91 60	70	70	63	89 68	70	71	91 69	95 74	71	63.9
CLERMONT 1 SSE	MAX	96 70	82 55	89 52	90 55	90 67	95 63	95 53	95 57	98 62	98 65	95 56	93 56	92 54	96 63	94 64	63	94 68	93 69	93 70	90 62	92 59	93 69	69	70	68	67	67	70	95 69	97 71	70	92.3
COVINGTON WE AIRPORT	MAX	90 63	75 55	84 55	91 60	86 70	85 68	88 59	93 62	92 67	87 63	88 63	60	87 59	88 65	92 61	92 66	88 71	91 68	88 68	63	91 62	71	69	70	66	91 69	70	69	91 69	72	71	90.0 90.0
CYNTHIANA 2	MAX MIN	98 70	96 59	78 51	85 53	93 67	66	90 52	88 52	90 58	96 60	90 56	92 58	87 56	87 60	89 64	91 59	94 65	66	94 68	62	59	92 64	90 69	67	68	85 68	70	90 67	90 67	91 71	69	62.6
OANVILLE	MAX	93	92 61	78 55	8 4 57	89 60	82 67	88 57	89 60	91 61	93 66	91 60	61	60	91 62	90 64	63	90 65	69	67	65	63	90	69	69	85 68 85	82 68 84	90 70	91 69 88	87 69	90 70 92	91 72 92	87.9 64.6 88.5
OEWEY OAM	MAX	94 69		79 54	84 56	89 64	68	61	85 56	91 59	61	90 61	8 8 5 6	58	90 60	90 63	65	92 63	62	87 66	97 71 87	63	64	88 66 84	65	69	68	70	68	68	68	70	63 • 8
OIX OAM	MAX	95 71	79 62	83 55	90 58	85 72	92 67	88 56	60	95 67	90 66	91 62	63	63	91 65	66	91	67	90 69	67	66	63	90 70 87	70	86	69	72	71	68	69	73	72	66.2
EL1ZABETHTOWN	MAX	67	79 52	85 53	53	85 63	62	88 52	90 53	60	91 63	88 55	87 54	50	90 62	90	61	89 65	90 68 93	89 68 89	88 67 87	58	67	68	69	68	65	66	68	67	70	72	62.3
FALMOUTH	MAX	69		53	91 56	85 65	66	53	94 55	95 58	61	91 57	86 58	87 58	60	91 60	61	91 66	66	69	66	60	66	68	67	67	69	71	70	67	70	69	63.2
FARMERS	MAX M1N	64	62	53	89 55	88 68	67	88 56	90	60	66	88 55	60	85 55	87 64	68	90 65 89	89 66 89	89 67 88	69	65 85	89 58 88	62	66	68	68	67	68	69	66	69	69	63.5
FLEMINGSBURG 2	MAX	69	59	81 55	89 59	85 66	66	83 57	91 58	63	65	88 58	61	84 61 85	86 62 88	88	61	67	65	68	65	62	65	68	67	67	69	71	69	68	67	68	64.2
FOROS FERRY DAM 50	MAX	69	58	83 58	61	85 70	67	89 62 89	95 61	99 70	90 65 96	60	82 60 91	60	62 89	89 70 91	86 70 93	70	70	72	64	67	69	71	69	70	70	72	71	72 91	73	72	66.9
FRANKFORT LOCK 4	MAX	70	58	78 55	84 56	89 58	67	55	88 57	59	66	59	60	58	60	63	61	63	67	70	65	61	62	71 85	70	69	69	70	71	69	69	70	63.8
GLASGOW WKAY	KAM NIM	70	61	82 57	61	76 70	65	62	92 58	62	68	56	60	55	63	63	66	65	68	70	60	62	67	70	70	69	68	67	70	69	70	70	64.9 89.5
GOLOEN PONO 8 N	MAX M1h	70	54		53	64	91 62 84	90 58	94 54 82	93 65 90	89 61 91	54	83 55 88	52		63	65	65	68	69	58	60			69	66	68			67		70	62.2
GRAYSON 1 SE	KAM NIM	69		54	55		66	57		61	62	55		56		62	62	63	65		68	60	64	67	70	69	70	69	69 89	68	71	68	63.5
	MAX MAX	71	62	54	57	61	61	56		62	66	57	60	57	61	64	64	67	68	69	63	62	65	70	71	69	67	68	71		70	73	64°2 87°6
GREENVILLE 2 W HE10ELBERG LOCK 14	MA	71	56	55	63	68	64	54	56		63	55	57	54		66	66		71		61	65	71	70	69	71	69 90	67	68	68	71	93	64.5 88.7
HEIDELBERG LOCK 14	MAI	N 67	64	56	55	68	67	57	57		65	57		58	60		60	65	64	67		61	64 83	67		67	89	68 87	70	67 93	68	68	63.6 87.3
	MI	70	56	55	60	66	63	60	59	69	65	60	56	1	61	69	68	70	71	70	62	68	69	71	70	70	70 83		70 90	71 91	73 95	72 95	65.8 89.7
HICKMAN 1 E	MA:	72	56	52	56	64	65	65		65	63	58	56	53	56	63	66			65		67 89	68		69 82	68 84	70 90	71 87	71 91	69 91	72 91	71	86.9
HINOMAN SETTLEMENT SCH	MA: MA:	66	64	5.2	59	64	65	59		54		57	59	57	59		60	62	65	70	72		65		66	83	83	62 90	65 91	65 92	68	62 96	61.9 88.6
HOPKINSVILLE	MA:	N 71	55		58	66	64		59	66		58	58	56		65	66	67	69	69	61	64 88	69 87	68	68	69	69	68	68		73 93	73	64 . 8
INEZ	MA:	N 64	60	52	52	62		57 91	54	55		52	54	54	56	56	56	57	57	57	57	60	60		61	65 78	64 94	64 92	65	61	65 95	64 96	59 • 0 90 • 0
IRVINGTON	MA	N 7:	3 54	5.5	56		65	56		67	63		56	55	65		65	70	69		61		72 85	69 82			6.8 90				73 93		64.9 87.5
LETTORTELU	MA M1					65			60			59			63					68				6.8			69			72	74	73	65.8
	Į.	T			1			l			See	Refere	nce No	tes Fo	llowing	g Statio	n Inde	c		1			1					-					

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	onth 17	18	19	20	21	22	23 2	4 2	5 2	6 2	7 2	1 2	29 3	0 31	+	Ачегаде
LEXINGTON W8 AIRPORT	MAX MIN	93 68	78 61	83 56	90 62	84 69	8 9 67	87 62	93 61	94	89 68	89	88	88 64	87 65	87	89	89 70	91 69	85 69	86	91 65	85 70	81	85	82	90	89 (14	91	91 9 74 7		87.7 66.9
LONGON FAA AIRPORT	MAX	93 68	76 63	82 59	84	84	87	85	89	92	84	88	87	90	90 63	89 63	87	83 65	84	81	87	88 63	81	86	80	83	89	87	0	91	92 9	2 8	86.5
ronizairre	MAX	97	84	90 58	91 65	90 71	90	94	96 62	98	95 68	94	88	94	93 68	94 70	93	92 72	93 72	91 71	91 67	95 67	92 72	84	90	84	93	94)1	95	9,6 9 76 7	3	92 • 1 68 • 8
LOUISVILLE W8 AP	MAX MIN	98	78 60	8 9 58	92 62	83 71	90 65	95 60	97 64	98	91 69	93	86	94 64	92 67	94	94	94 72	97 71	91 71	89 6 6	96 64	91 72	82	88	81	94	94	1	96	98 9 76 7	4	91.6 68.0
LOVELACEVILLE	MAX MIN	90 70	78 53	84 53	89 57	84	92	9 2 62	94 58	93	91 63	91 57	85 55	86 55	90	92	87	91 68	89 69	89 71	92 62	85 63	88	86	86	83	86	88	0	93	95 9 71 7	4	88.8
MADISONVILLE 1 SE	MAX	94 71	84 55	82 54	92 56	85 68	87 63	87 58	92 56	90 62	86 65	90	82	85 55	88 58	90 66	88	90 70	90 72	88	90 61	89	83 68	87	85	85	90	89	88	93	93 9 71 7	2 1	88.2
MAMMOTH CAVE PARK	MAX MIN	92 65	80 58	85 50	90 55	85 65	90 61	89 52	93 53	92 60	88 63	88 50	87 55	88 50	90 56	90 61	92	86 64	90 61	88	86 57	89 57	86 65	82 65			91 62				94 9 62 6		88.5 60.0
MANCHESTER 4 SE	MAX MIN	95 69	76 64	84 58	89 56	87 67	89 67	89 60	93 57	95 59	90 65	92 60	90 58	91 57	91 59	90 64	91 61	89 67	87 66	83 67	90 63	90 61	87 65								94 9 69 6	4 1	89.5
MAYFIELO	MAX MIN	94 73	77 55	85 55	88 57	84 67	92 64	90 65	93 60	92 68	92 60	92 60	84	87 56	89 58	92 66	88 68	90 68	98 70	93 69	92 62	90 64	87 67				90 70		39 71		96 9 74 7		89.4 65.3
MAYSVILLE DAM 33	MAX MIN	94 70	91 61	75 57	82 58	89 62	79 62	8 6 55	83 56	91 59	93 60	87 57	89 58	85 57	83 59	86 59	88	88 65	86 65	88 70	84 65	85 63	89 65				86 68		36 70		88 9 67 6		86.5 63. 0
MIDDLESBORO	MAX MIN	94 69	89 68	87 58	88 59	86 65	89 66	89 60	91 55	93 56	89 64	85 63	86 60	89 59	87 60	89 61	90 62	87 64	85 66	87 71	88 67	8 9 59	89 63				90 67				94 9 69 6		88.7 64.1
MONTICELLO	MAX MIN	92 68	85 64	85 55	90 57	83 71	89 69	89 54	92 57	94 65	88 65	8 9 60	88 58	90 56	89 62	88 64	91 63	85 68	88 68	8 4 70	87 65	88 60	89 70				89 67				92 9 69 7		88.3 64.8
MOUNT STERLING	MAX MIN	92 70	76 60	81 55	87 61	85 65	85 65	84 57	88 58	94 64	88 66	88 60	87 61	84 61	86 61	88 65	88 62	87 67	88 65	86 67	88 65	88 61	8 6 66		7		87 68				93 9 72 6		86.9 64.4
MOUNT VERNON	MAX MIN	94 65	78 59	84 55	90 55	85 69	88 66	88 53	92 58	94 62	90 60	91 63	8 8 62	86 57	87 61	88 60	90	88 65	89 67	85 67	87 67	89 61	80 69				91 66				92 8 69 6		88.1 63.6
MURRAY	MAX MIN	93 74	77 57	82 54	87 58	82 66	90 67	89 64	93 60	93 70	93 64	90 60	85 59	85 57	88 59	91 69	88	91 69	90 71	91 70	90 59	89 62	82 69				90 70				96 9 70 7		88.5 65.9
OWENSBORO 2 W	MAX	92 73	82 56	87 59	87 60	81 68	8 9 66	90 61	91 60	91 67	89 65	90 58	85 59	89 56	91 67	91 69	90 69	91 70	90 71	88 70	90 61	90 66	83 69				82 70				95 9 73 7		88.2 66.1
PAQUCAH FAA AIRPORT	MAX MIN	88 65	75 58	84 54	86 58	83 69	90 65	91 63	93 59	90 69	8 9 66	89 61	82 59	85 59	89 62	89 67	87 68	90 69	87 71	88 70	92 64	83 65	86 66				87 71	87 70			94 9 75 7		87•4 66•2
PAOUCAH	MAX MIN	95 74	83 55	86 54	89 57	89 69	94 65	93 62	97 58	96 68	93 63	95 58	87 57	89 55	92 59	92 67	90 67	93 70	90 71	93 71	94 62	86 64	88 65				90 71				97 9 73 7		91.0 65.5
PIKEVILLE	MAX MIN	98 70	83 65	88 62	92 60	88 66	91 67	89 64	94 61	95 59	86 65	90 61	89 61	91 59	90 65	88 66	93 66	85 66	90 65	85 71	90 71	92 64	88 65				91 70				92 9 69 7		89.8 65.8
PRINCETON	MAX	92 70	80 55	85 54	87 56	80 67	92 64	87 60	94 57	92 66	91 62	90 56	81 56	88 54	90 56	91 66	89 66	90 70	91 71	90 66	90 62	87 67	80 70				86 70				93 9 71 7		88.3 64.6
RICHMONO	MAX	93 69	93 61	77 56	83 59	90 68	84 65	8 9 57	88 61	92 65	95 67	87 60	92 60	89 52	89 63	8 6 60	87 62	87 66	83 66	87 67	81 66	87 61	90 68				84 68				91 9 72 7		87.6 64.5
RUSSELLVILLE	MAX MIN	92 71	78 59	84 54	90 56	77 68	90 64	89 57	94 55	93 64	89 64	90 54	85 59	89 54	90 60	90 63	88 64	92 68	91 70	84 70	85 60	91 62	88 69				91 67				94 9 71 7		88.7 64.1
ST JOHN BETHLEHEM ACAO	MAX MIN	92 74	90 60	75 60	84 61	87 61	77 62	87 60	88 60	92 64	94 69	90 60	90 62	89 59	88 60	89 67	89 64	90 67	86 66	90 70	87 63	87 61	88 61				80 68				93 9 72 7		87.4 65.1
SCOTTSVILLE	MAX MIN	93 72	84 62	84 54	90 60	81 69	89 66	88 57	94 59	92 65	88 68	89 58	86 60	9 0 55	91 60	88 63	88	87 68	89 69	88 69	89 63	89 64	84 68				92 67				94 9 71 7		88.8 65.3
SHEL8YVILLE 2 W	MAX MIN	92 70	80 56	84 56	90 59	85 70	90 67	89 58	94 59	95 64	88 67	89 60	8 9 5 9	88 60	89 63	89 66	96 63	90 67	91 68	89 69	87 68	89 62	88 70	77 69			87 69				93 9 73 7		88.3 65.3
SOMERSET 1 N	MAX MIN	91 67	78 62	82 56	88 55	82 68	88 65	82 54	91 60	92 63	86 66	88 61	86 57	89 55	89 61	88 60	88 60	84 64	87 65	83 69	83 66	88 58	8 4 68	87 69			89 65				93 9 67 6	_	86.8 63.3
SUMMER SHAOE	MAX MIN	93 70	78 62	86 58	92 65	84 70	90 66	9 0 57	96 59	95 62	89 68	90 56	89 54	90 56	90 62	90 63	92 64	89 68	90 68	84 70	90 62	91 62	88 69								95 9 69 6		89.7 64.7
VANCEBURG OAM 32	MAX MIN	95 67	75 60	82 58	90 57	86 67	8 6 64	84 57	96 56	92 6 2	87 62	9 0 58	84 58	84 58	87 59	90 59	96 63	91 64	89 64	86 67	84 64	82 62	86 65							90 67	87 9 67 6		87 • 4 63 • 1
WARSAW LOCK 39	MAX	97 70	78 60	84 51	93 60	87 70	88 66	85 63	97 59	96 63	91 60	93 60	87 60	88 59	89 68	96 64	94	95 71	96 71	92 74	88 66	92 60	95 70								95 9 74 7		91 • 0 66 • 3
WEST LIBERTY	MAX MIN	95 68	95 62	80 52	84 53	92 67	87 65	89 56	86 54	93 61	95 63	85 54	90 58	90 55	88 58	88 61	88 61	91 65	86 63	90 68	85 68	87 61	92 62								92 9 67 6		88.9 62.5
WILLIAMSBURG 2	MAX MIN	96 69	94 65		88 59	90 63	88 67	91 60		91 62	96 65	86 64	90 61		93 61	90 64	90 63	93 65	87 64	85 68	88 67	89 61	88 63								94 9 65 6		89.7 64.3
WILLIAMSTOWN 5 WSW	MAX MIN	94 72	91 55	75 55	83 55	90 61	82 63	85 58		93 60	93 61	8 9 58	90 55		87 62	87 62	91 63		92 66	92 67	87 62	84 59	89 63					69	8	67	89 9 69 6	9	87.9 62.8
WOLF CREEK OAM	MAX MIN	95 67	95 63	85 53	86 55	93 60	84 67	91 54	91 55	95 61	95 65	88 59	8 9 57		92 58	90 62		93 63	89 62	88 64	86 61		91 61			86 67				92 65	92 9 65 6		90.0 61.9
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Station		1	2	3	4	5	6	7	в	9	10	11	12	13	14	15	16	17	181	19	20	21	22	23	24	25	26	27	281	29	3()	31	A vo
	KVAP W18D		.37		.13	.44	.12	.23	.27	.19	, 24	.21		, 24	.23	.19	, 10 D		. DB 0	.17	.13	.21	. 23	.06	. 25 8	4	0	L	1	-1	0	2	15.04 h 271
DIX DAM	KVAP W18D			.27	.34 54	.26	.19	. 27 38	.35 55	.30 27	. 40 50	.36	.36 46	.30	,32 44	,26 49		19	.13 25	.00 60	.34 54	.28 13		.10 39		.15 34		15	.17 16	,16 15	19	.1 H 42	7,42
	KVAP W18D				.25	.28	.18	.14	.42 37	.28	.55 46	,40 33	. 28 40	.20	. 28 27	.17 35	.2H 2H	.11	.2H 48	,42 93						,14 38	18	.14 30	35	.14 28	.2H 36	37	7.74
	KVAP W1ND				.15							.23						,30 14	.20 25	.19 30	.10 25	.34	.16 20	35		.38 25	.0B 12		.18		.15		





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	GT. W.O.V.	C NO.	COMPANY	IGE 1	3QD.	TUDE	NOIT	OB 1	SER TME	VAT AN	D	OBCENIUM
	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL ARE ROTER	OBSERVER
	ADOISON DAM 45 ADOLPHUS 1 M ALBANY 4 M ALLEN ANCHORAGE	0031 0043 0063 0095 0155	BRECKINRIDGE ALLEN CLINTOM FLOYO JEFFERSON	7 3 2 1 7	37 55 36 39 36 45 37 35 38 16	86 34 86 16 85 08 82 43 85 33	380 600 1000 658 700	7P	6A 7A 7A 8A 7P		c c	CORPS OF EMGINEERS IDELL M. DEARING MRS.BARBARA M. COOL MANNIE AUXIER C. E. BARRET
1	APEX 2 ME ASHRAMD DAM 29 BARBOURVILLE BARDSTOWM S J PREP SCM BAXTER	01.05	MUHLENBERG 8D YO K NOX MEL SOM HARLAN	3 7 2 8 2	37 08 38 27 36 52 37 48 36 51	87 19 82 36 83 53 85 28 83 20	510 551 1000 631 1164	6P 6P 6P 7A	7A 7A 6P 6P 7A		с н с	SPENCER PROWSE CORPS DF ENGINEERS UMION COLLEGE ST. JOSEPH PREP. SCMOOL. C. HOMER NOLAN
	BEAVER DAM BENHAM BEMTON BEMTOM 2 BEREA COLLEGE		OHIO HARLAM MARSHALL MARSHALL MADISON	3 2 9 9 4	37 25 36 58 36 51 36 51 37 34	86 52 82 57 88 20 88 20 84 18	441 1585 395 305 1070	6P 8A 5P 6P	6P 8A 5P 6P		м с с н	E. G. YOUNG C. C. WHITEAKER JAMES H. MILLER RADID STATION WCBL JAMES A. GROSSMAN
	BEREA WATER WORKS BLAIME BONMIEVILLE BOWLING GREEM BOWLING GREEM SUBSTA	06.26	MADISOM LAWRENCE HART WARREM WARREN	3 3 3	37 33 38 02 37 23 37 00 37 01	84 15 82 50 85 54 86 26 86 26	1010 670 702 536 470	6P 6P	7A 6P 6P 7A 5A			MRS. LAURA B. GABBARD A. EMOCH WHEELER HAROLD WALTERS JAMES R. EOWAROS TVA-639
п	BOWLING GREEM FAA AP BREMT DAM 36 BROWMSVILLE LOCK 6 BURDINE 2 ME BURKESVILLE	0909 0978 1046 1120 1137	WARREM CAMPBELL EDMONSON PIKE CUMBERLAND	3 7 3 1 2	36 58 39 03 37 12 37 13 36 47	86 26 84 25 86 16 82 35 85 22	535 497 410 1643 600	MID	MID 7A 7A 8A 7A		С	FED. AVIATION AGENCY CORPS DF EMGIMEERS ELDRIDGE SKAGGS EDWIN E. JOHNSOM MARVIM M. LEE
	CADI2 LOCK E CALMOUN LOCK 2 CAMPBELLSVILLE CAMEYVILLE CARROLLTOM LOCK 1	1206 1227 1256 1294 1345	TRIGG MC LEAM TAYLOR GRAYSON CARROLL	3 3 4	36 46 37 32 37 20 37 25 38 41	87 58 87 16 85 21 86 30 85 11	424 402 771 600 480	6P 6P	7A 7A 6P 7A 6A		с н	CORPS OF EMGINEERS CORPS OF ENGIMEERS ALVA MC KINLEY G. V. CDX SR. CORPS DE ENGINEERS
-	CLAY CITY 1 WMW CLERMONT 1 SSE CLINTON COBB CDLLEGE HILL LOCK 11		POWELL BULLITT HICKMAN CALDWELL ESTILL	8 6 2 4	37 52 37 55 36 41 36 59 37 47	83 56 85 40 89 00 87 47 84 06	712 540 390 490 611	5P	7A 5P 7A 7A		с	JDEL W. MOUMT2 BERMHEIM FOUNDATION WOODSOM O. ERANKLIM MRS BENNIE B. WHITE CORPS OF EMGIMEERS
•	CDVINGTOM WB AIRPORT CUMBERLAND FALLS ST PK CYNTHIANA CYNTHIAMA 2 DAMVILLE	1055	BOONE WHITLEY HARRISON HARRISOM BDYLE	7 3 5 5	39 04 36 50 38 23 38 23 37 39	84 40 84 19 84 18 84 17 84 46	869 1070 684 719 955	HID BA 7A	MID 5P 7A 8A 7A		н	U.S. WEATHER BUREAU KY. DEPT. DF CONS. MARSHALL HILL KY. CARDINAL OAIRY R. P. COLDIROM
	DAVELLA DELPHIA 1 E DEMA DEWEY DAM DIX OAM	2053 2132 2139 2180	MARTIM PERRY KMOTT FLDYD MERCER	1 1 1 4	37 48 37 02 37 25 37 45 37 46	82 32 83 07 82 48 82 47 84 43	718 1647 850 653 870	7A 4P	6A 7A 7A	7A 7A	c	MRS. EVA M. OAVIS BALLARO F. MALKER, JR. HATTIE B. BARMEY CORPS DE ENGIMEERS PHILLIP D. THACKER
	DUMDEE BARRETTS FORD BR DUMMOR DYER EDMONTON	2358 2366 2391 2445 2469	OHIO MUHLEMBERG BRECKEMRIDGE LYDM METCALFE	3 3 3 2 3	37 33 37 05 37 43 37 03 37 00	86 43 87 00 86 13 88 05 85 37	440 592 793 420 865		7A 7A 7A 7A		C H	JESSE L. HUFF N. O. GIVEMS LEMA BLAIR CORPS OE EMGIMEERS JDHM E. MORAM
	ELIZABETHTOWM ELKHORN CITY ELKTOM 2 S FALMOUTH FARMERS	2510 2528 2548 2715	HARDIN PIKE TOOO PEMOLETON ROWAM	3 1 2 5 5	37 41 37 18 36 4T 38 40 38 09	85 52 82 21 87 10 84 20 83 33	739 800 520 560 668	6P 6P 4P	6P 7A 7A TA 7A		н	RADID STATION WIEL EDMOND O. BEMMETT S. RICHARO AMDERSON ERAMK H. LAWSON MRS. C. C. STAMPER
	FLEMINGSBURG FLEMINGSBURG Z FORD LOCK 1D FOROS FERRY DAM 5D FRANKFORT LDCK 4	2903 2908 2953 2961 3028	FLEMING FLEMING MAOISOM CRITTENDEM ERANKLIN	5 4 T 4	38 25 38 25 37 54 37 28 38 14	83 43 83 45 84 16 88 06 84 52	8T0 911 660 356 504	6P 6P 6A	7A MIO 6A 6A 6A		СН	MRS. JEAN FLEMING WILLIAM H. EISCHER CDRPS DF EMGIMEERS CORPS OF EMGINEERS CORPS OF ENGIMEERS
	FRAMKLIM 1 E FREEBURN 2 SW FREMCHBURG GAMALIEL GEDRGETOWN WATER WORKS	2024	SIMPSOM PIKE MEMIFEE MONRDE SCOTT	3 1 5 3 4	36 43 37 33 3T 5T 36 38 38 12	86 34 82 10 83 39 85 48 84 33	690 730 864 860 888		7A 8A 7A 8A			MRS KATIE D. MEAL MRS ALTA S. GOOSLIN MISS ESTHER WILSON E. GUY DECKARO WILLIAM F. BRAMBLETT
	GEST LOCK 3 GLASGOW GLASGOW WKAY GLEMDALE 1 E GDLOEN PDMD 8 N	3203		3 3 3 2	38 25 37 00 37 00 37 36 36 54	84 53 85 55 85 55 85 54 88 00	490 T80 808 710 393	6P 4P	TA 7A 6P 7A 4P		СН	CDRPS OE ENGIMEERS EHILY M. BEAM RAOID STATION WKAY OEWEY S. HILL EISH + WLDLF. REFUGE
	GRAMT OAM 38 GRAYSDM 1 SE	3358 3392	BOOME CARTER GREEN	T T 3 3 T	38 59 38 19 3T 15 37 15 38 37	84 50 82 56 85 30 85 30 82 51	503 900 630 590 538	6A 7A	TA 6A TA TA 7A			CORPS OF EMGIMEERS ALBERT G. SWAMAGAN HOWARD PICKETT LYMM T. BLAKEMAN CORP DE EMGINEERS
	GREENVILLE 2 W HALEYS MILL HARIFDRD 6 MW HAZARD HAZARD WATER WORKS	3451 3539 3652 3T09 3T14	GREEM GREENUP MUHLEMBERG CHRISTIAN OHIO PERRY PERRY	3 3 4 4	37 12 3T 03 3T 32 3T 15 3T 15	87 12 87 20 86 54 83 12 83 11	519 740 429 869 880	5P	5P 8A 7A		с с	C. R. LDYELL CLEATUS E. BRIMKLEY DAVIO K. CARSON H. A. BAILEY LEE J. MDGSTDN
	HEMOERSOM 4 SW HERNDOM HICKMAM I E	374I 3762 3798 3816 382I	LEE HEMDERSON CHRISTIAM FULTOM GRAVES	4 7 2 6 9	3T 33 37 47 36 44 36 34 36 48	83 46 8T 3T 87 34 89 10 88 30	663 382 512	5P 6P 7A	6A 6P 7A TA		C H	CORPS OF EMGINEERS ERAMK STREET C. W. KEATIS MRS. NELL S. CALVIN TVA-679
	HIGH BRIDGE LOCK 7 HINDMAN SETTLEHEMT SCM MODGEMYILLE NAT PARK HOPKIMSVILLE HYOEM	3837 3899 3929 3994 4093	JESSAMINE KNOTT	4 4 3 2 4	37 49 37 20 37 32 36 51 37 10	84 43 82 59 85 44 87 30 83 23	544 1080 T88 540	8A 7A	6A 8A 7A TA		СН	CORPS OF EMGINEERS HINDMAM SETTLEMENT SCH. MATIONAL PARK SERVICE MEWELL F. SMITH MRS. FERM F. ELAM
	IMEZ IRVINGTON JACKSOM JEREMIAH KEEME I MME	4134 4165 4196 4255		1 3 4 4 4	37 52 37 53 37 33 37 10 37 57	82 32 86 17 83 23 82 56 84 38	638 646 795 1150 941	6P 7P	6P 7P 7A 5P 7A		н	UNITEO FUEL GAS CO- FLOYO G. ROBBINS JAMES D. MALONEY HOBART ISDN HUGH W. BUFFIN
	KEMTUCKY DAM LA GRANGE I SW LAMCASTER LEITCHFIELO LEXIMGTDM WB AIRPDRT	4414 4595 4620 4703 4746	LIVIMGSTOM OLDHAM GARRARO GRAYSON FAYETTE	7 4 3 4	37 01 38 24 37 37 37 29 38 02	88 16 85 24 84 35 86 18 84 36	362 874 1032	6P HID	5A 6A 8A 8A MID		с нл	TVA-379-A ALBERT V. HARDIM KENTUCKY UTILITIES CD. CLYDE STIKELEATHER U.S. WEATHER BUREAU

STATION	K NO.	COUNTY	AGE 1	3001		TUDE		NOLL		SER TIME TAI		D	OBSERVER
	INDEX		DRAINAGE	LATITUDE		LONGITUDE		ELEVATION	TEMP.	PRECTP.	EVAP.	SPECIAL (ME NOTH)	
LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LDGLICK I S LONDOM 3 W	4755 4825 4857 4882 4893	CASEY JESSAMINE MEMRY CLARK LAUREL	3 4 4 4 2	37 37 38 37 37	21 45 26 51 08	84 84 84 84	55 35 58 02 08	772 560 485 773 1277		7A 7A 6A		cc	PALLIA F. HANKLA CORPS OF EMGIMEERS CORPS OF ENGIMEERS HUBERT BURGHER CITY OF LONDOM
LONODM FAA AP LOUISA LOUISA 2 LOUISVILLE LOUISVILLE BOWMAM FLO	4898 4943 4946 4949 4951	LAUREL LAWRENCE LAWRENCE JEFFERSON JEFFERSON	2 1 1 7 7	37 38 38 38 38	05 07 07 14 13	82 82 85	05 37 36 46 40	1191 582 585 462 558	MID 6P	MIO BA 6P		C H	FEO. AVIATION AGENCY CHARLES F. BRANHAM HAROLD C. FERGUSOM LOUISVILLE G. + E. CD. CORPS OF EMGIMEERS
# LOUISVILLE WB AP LOUISVILLE UPPER GAGE LDVELACEVILLE LUCAS MADISONVILLE 1 SE	4954 4955 4967 5002 5067	JEFFERSOM JEFFERSOM BALLARO BARREM HOPKINS	7 7 6 3	36 36 36 36 37	11 17 58 53	85 85 86 86	44 48 50 02 29	474 403 370 738 439	MID 6P 5P	MID 6A 6P 7A	7A	C HJ	U.S. WEATHER BUREAU CORPS OF ENGINEERS BLAINE MALOME WILLARD E. FOSTER HOMER WELBORN. JR.
MAMMOTH CAVE PARK MAMCHESTER 4 SE MAYFIELO MAYSVILLE DAM 33 MC KEE	5097 5111 5230 5243 5291	EOMONSON CLAY GRAVES MASON JACKSON	3 4 6 7 2	37 36 38	11 06 44 38 26	83	06 43 39 42 00	800 850 364 515 1000	5P 6P 6P 7A	5P 7A 7A 7A 7A		СН	MATIONAL PARK SERVICE MORA S. WHITE MAYFIELD ELEC.+ WTR.CO. CORPS DE EMGIMEERS MRS.WINNIE W. MORAN
MC KIMMEYSBURG META MIDDLESJORO MIDDLESBORD SEWAGE PL MIDWAY	5301 5370 5389 5394	PENOLETON PIKE BELL BELL WOODFORD	5 1 2 2 4	38 37 36 36 36	36 34 37 38 09	84 82 83 83	16 27 43 43 41	730 1130 1130	5P	7A 8A		с с н	RICHARO T. SYDNOR CHARLES MURRAY MRS. LELA M. HERRELL CITY OF MIDDLESBORO CITY DF MIDWAY
MILLERSBURG MILLERSTOWN MONTICELLD MOREHEAD STATE COLLEGE MOUNT STERLING	5430 5438 5524 5555 5640	BOURBOM GRAYSON WAYNE RDWAM MONTGONERY	5 3 2 5 5	36 37	18 27 50 11 04	84 86 84 83	09 03 50 26 56	789 588 960 770 930	6P 5P	7A 7A 5P		СН	OAVIO C. BAILEY OVA M. LAWLER ALVIM L. BERTRAM IMACTIVE 9/57 FRED CARTHILL
HOUMT VERNON MUNEORDVILLE 1 N MURRAY OLNEY ONE IOA	5648 5684 5694 6020 6028	ROCKCASTLE HART CALLOWAY	2 3 9 7	37 36 37	21 16 36 14 16	84 85 88 87 83	20 53 20 47 39	1137 636 622 533 750	5P 6P	5P 7A 6P 8A 7A		СН	CITY DF MT. VERMON EOWARO A. RICHARDSON MURRAY STATE COLLEGE MELVIE PARLEE MEISZ MRS. ANMA L. BROWN
OMEONTA OAM 35 OWEMSBORO 2 W OWENSBORO OAM 46 PADUCAH FAA AIRPORT PAOUCAH	6033 6091 6096 6110 6115	CAMPBELL OAVIESS OAVIESS MC CRACKEN HC CRACKEN	7 7 7 7 7	38 37 37 37 37	58 46 47 04 06	84 87 87 88	18 09 08 46 37	512 420 404 398 340	6P M10 5P	7A 7A 6A HID 5P		с н	CORPS OF ENGINEERS VIRGIL D. CLARK CORPS OF EMGINEERS FED. AVIATION AGENCY WESTERN P. LACKEY
PAOUCAH SEWAGE PLAMT PAINTSVILLE PIKEVILLE PIMEVILLE PRINCETOM	6117	MC CRACKEN JOHNSDM PIKE BELL CALOWELL	7 1 1 2 2 2	37		88 82 82 83 87	36 48 31 42 53	325 620 686 1002 529	5P	7A 8P 7A 5P		C H	CITY DF PADUCAH JESSE FAIRCHILD U-S- WEATHER BUREAU FOLEY PARTIN ALTON M. HARVILL
RAVEMNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA		ESTILL MAOISOM OHIO LOGAN	3 3 3	37 37 37 36	40 44 13 51 50	83 84 86 86 86	57 18 54 53 54	634 1122 401 590 576	8A 6P	7A 8A 7A 7A 7A		н	CORPS OF EMGINEERS THOMAS C. HERMDON CORPS OF ENGINEERS WH. B. PORTER TVA-683
SADIEVILLE ST JOHM BETHLEHEM ACAO ST. MARY SALVISA LOCK 6 SALVERSVILLE	T074 T091 7096 T121 7129	SCOTT HARDIN MARIDM	8 8 4 5	38 3T 37 3T 3T	23 42 35 56 45	84 85 85 84 83	33 59 21 49	791 711 743 490 859	TA	7A 6A		c c	LAWRENCE ROGERS SISTER MARY B. BUT2 JOHN B. BAUER CORPS OF ENGINEERS STANLEY GARONER
SALYERSVILLE 2 SE SCOTTSVILLE SEBREE SHAWNEE STEAM PLANT SMELBYVILLE 2 W	7134 7215 7234 7311 7324	HAGOFFIN	5 3 7 8	3T 36 37 37 38	44 45 36 09 13	83 86 87 88 85	03 12 32 47 16	920 770 348 345 825	5P	7A 5P 7A 7A TA			FORREST C. WILLIS NOBLE ALLEN PAUL O. TOMPKIMS TVA-7D9 HRS. WILLIE S. RATTA
SHEPHERDSVILLE SMITHEIELO 4 S SOMERSET SOMERSET 1 N SPRIMGFIELO	7334 7473 7508 7510 7604		8 2 2 8	36 36 37 37 37	00 20 06 07 41	85 85 84 84 85	44 16 37 37	446 862 1050 1050 T38	6P	7A 6P TA		C H	DVIO K. MAGRUOER F. W. SIMPSON CORPS OE ENGINEERS RAOIO STA WSFC WM. H. GOATLEY
STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TATHAM SPRINGS TAYLDRSVILLE	T67T 7800 T805 T924 T948	METCALFE METCALFE	3 3 8	36 36 36 37 38	43 53 53 52 02	84 85 85 85	29 43 40 09 21	1420 864 - 692 483	6P	7A 6P 7A		С	MRS GLADYS H. GRIFFITH CHAS. H. MC MURTREY TVA-684 R. C. OEDHAN MRS. KATHRYM B. CARR
TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LDCK 5 UNIOMTOWN OAM 49 VALLEY VIEW LOCK 9	8060 8144 8179 8191 8246	TRIGG AMDER SON UNION	3 9 4 T	36 36 38 37 37	42 45 02 46 51	85 88 84 87	41 05 51 57 26	920 390 524 358 571		7A 7A 6A		c	STAMLEY HURO TVA-680 CORPS OF ENGINEERS CORPS DE EMGINEERS CORPS DE ENGIMEERS
VAMBUREM VANCEBURG OAM 32 WAYNESBURG T ME WEST LIBERTY WILLIAMSBURG 2	8250 8259 8486 8551 8709		8 T 2 5	37 38	58 39 25 55 44	85 83	10 21 36 15	558 525 1215 852 1010	6P 8A	7A 7A			EDWARD B. STEVENS CORPS OE ENGINEERS MRS. RITA RIODER HRS. ELIZABETH BROWM ESTIL M. MEADDWS
WILLIAMSTOWM 5 WSW WOLE CREEK OAH WOLE CREEK OAH	8714		4 4 2 3	20	36 52 11	84	38 50 09 38	914 649 585 504	7A 6A	TA 6A		C	HEMRY NORTHCUTT CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS
MEW STATIOMS OLIVE HILL 2 WAW WARSAW LOCK 39	6013	CARTER	7	38	19	83	12	895		. 7a		C	GEORGE E. DUVAL CORPS OF ENGINEERS
WARSAW LOCK 39 PUBLICATION ENDED	8446	GALLATIN	7	38	46	84	58	466	/A	. /A			CORPS OF ENGINEERS
OLIVE HILL	6012	CARTER	7	38	18	83	11	772				С	EFFECTIVE 7/59

* 1-81G SANDY, 2-CUMBERLANO, 3-GREEN, 4-KENTUCKY; 5-LICKING, 6-MISSISSIPP1, 7-OHID, 8-SALT, 9-TENNESSEE

See Page 82 for Reference Notes

USCOMM-WB-Acheville, N. C. --- 8/31/58 --- 8D0

UNKE

U. S. DEPARTMENT OF COMMERCE FREDERICK H. MUELLER, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

AUGUST 1959 Volume LIV No. 8



OCT !

KENTUCKY - AUGUST 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 26th at Louisville WB AP

Lowest Temperature: 48° on the 3rd at Vanceburg Dam 32

Greatest Total Precipitation: 14.09 inches at Madisonville 1 SE

Least Total Precipitation: 0.78 inch at Louisa 2

Greatest One-Day Precipitation: 7.12 inches on the 29th at Richmond

CLIMATOLOGICAL DATA

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Malnan		A e-520 Max mur	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-	Sept.	1	Ф п 1	Part .	0.77	20.4	Mo	1,	, , , , , , , , , , , , , , , , , , ,		J	P 00	\$ *	2.0	Åb.	Van .	P	. 4.	,
WESTERN BENTON 2 FORDS FERRY DAM 50 GOLDEN POND 8 N GREENVILLE 2 W		65.2 66.9 89.4 90.0 87.9M	67.7 66.1 69.8 65.3 67.5M	78.0 77.5 79.6 77.7 77.7M	1.0	94 95 95	25+ 24+ 3 24 25+	62 55	12+	0	15 13 18 21	0 0 0 0	0 0	0 0 0 0 0	3.74 5.56 9.28 5.76 6.95	6.05	2.10 1.47 3.54 2.60 3.24	6 7 6 17	•0	0 0 0 0		3 7 7 9 8	3 1 4 2 4 4 4 2 3 2
HENDERSON & SW HICKMAN 1 E HOPKINSVILLE LOVELACEVILLE MADISONVILLE 1 SE	AM AM	88.0 91.2 89.5 89.2 88.0	68.0 66.6 67.3 67.5 67.4	78.0 78.9 78.4 78.4 77.7	.7 .6 .0	94 95 96 95 93	24 30+ 24 24 25+	58 59 54		0	13 23 16 16 15	00000	0 0 0	00000	9.71 4.08 3.54 3.81 14.09	6.44 •13 •37	2.96 1.18 2.54 1.93 3.42	17 30 7 17 7	.0	0 0 0		5 6 5 10	5 4 2 1 1 2 1 5 5 2 1
MAYFIELD MURRAY OWENSBORO 2 W PADUCAH FAA AIRPORT PADUCAH		88.9 89.5 88.8 87.5 89.4	69.0 68.8 68.0 68.7 68.2	79.0 79.2 78.4 78.1 78.8	1.6	95 94 95 95 96	23 24+ 24 24 24	60 58 60 60		0		0000	0000	00000	4.29 3.19 8.45 3.81 4.12	20 5.03 .82	3.19 1.20 3.82 1.59 1.34	7 6 17 17 5	.0	0000		3 7 8 6 4	1 1 4 3 3 2 4 3 5 2
PRINCETON RUSSELLVILLE DIVISION		88.5 89.5	67.9 68.0	78.2 78.8 78.4	.3 1.6	95 95	22 25+	59	10		13	00	-	0	6.30 4.25 5.94	2.91 .88 2.50	1.66	7	•0	0		5	2 2
CENTRAL																							
ANCHORAGE BARDSTOWN S J PREP SCH H BOWNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		86.9 88.3 87.6 90.0 89.3	66.6 66.2 66.5 67.8 67.5	76.8 77.3 77.1 78.9 78.4	2 • 1	94 95 94 97 95	25 25 25+ 26 25+	53 56 60		0 0	13 14 13 19 16	0 0 0	00000	00000	3.71 1.30 3.52 3.76 3.83	•17	1.47 .62 1.48 .98 1.12	17 28 28 31 20	•0	0 0 0		7 7 8	3 2 1 0 2 1 3 0 2 1
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АМ	92.1 89.1 87.4 89.1 90.4	66.6 66.3 66.6 67.2 67.4	79.4 77.7 77.0 78.2 78.9	2.1	95 94 95	25		10	0	17	00000	0 0 0 0	00000	3.81 5.59 4.68 2.42 4.57	- 1.53 1.37	1.13 1.58 1.90 1.30 2.02	28 28 5 6	•0	0 0 0		6 9 7 7 6	3 2 5 2 4 1 1 1 4 1
LEITCMFIELD LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK SCOTTSVILLE	R	87.5 91.9 91.2 88.0 89.2	68.5 70.8 70.0 61.8 67.4	78.0 81.4 80.6 74.9 78.3	1.4	94 98 100 94 95	25 26 25+	62 65 61 54 58		0		0 0 0 0	0 0 0 0	00000	4.98 5.27 5.20 2.73 3.86	1.42	1.79 2.55 1.85 .81 1.24	29 17 16 5	.0	0 0 0 0		5 3 6 8 10	3 3 3 2 4 3 1 0 2 1
SUMMER SHADE WOLF CREEK DAM	AM	89.0 89.8	66.6 64.1	77.8 77.0		97 95		57 56	10	0		0	0	0	4.09 3.30		.75	30 24	.0	0		7	3 0 2 0
DIVISION				78.1	1.8										3.92	.26			•0				
BLUE GRASS																	1 20	20	•0	0		6	3 1
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT CYNTHIANA 2 DANVILLE	R AM AM	91.4 88.0 89.3 90.0 87.8	65.6 66.6 67.6 64.4 67.1	78.5 77.3 78.5 77.2 77.5	5.0	98 95 97 97 94	25+ 25 26	55 58 57 54 59	13+	0	18 13 17 20 13	00000	0 0 0 0	00000	3.44 3.25 1.80 4.50 3.67	35 - 1.54	1.26 1.30 1.16 1.02 1.47	29 17 17 28 29	•0	0 0 0		4 4 7 7	3 1 1 1 4 1 2 1
DIX DAM FALMOUTH FLEMINGSBURG 2 FRANKFORT LOCK 4 LEXINGTON WB AIRPORT	AM R	88.7 89.3 87.8 89.4 87.5	68.0 65.4 65.5 66.5 68.7	78.4 77.4 76.7 78.0 78.1	1.8	95	25+	56 55 59	11 13+ 11+ 13+ 11	0 0	14 16 14 16 12	00000	00000	00000	2.81 3.21 5.30 2.33 2.19	- 1.27	1.59 .96 3.31 .75 1.43	29 16 15 29 28	•0	0 0 0		5 6 7 6 3	3 1 1 0 1 1
MAYSVILLE DAM 33 MOUNT STERLING RICHMOND SHELBYVILLE 2 W WARSAW MARKLAND DAM	AM AM AM	87.2 88.3 87.5 87.8 91.2	65.2 66.0 66.1 67.1 69.3	76.2 77.2 76.8 77.5 80.3	1.5	96 95 94		57 57	11 11 11	0		00000	0 0 0 0	0 0 0 0		1.28	.35 .85 7.12 1.96 1.70	29 16 29 17 17	•0	0 0 0		4 4 6 6	3 2 1 2 1
WILLIAMSTOWN 5 WSW	AM	87.9	65.4	76.7	.6	Į	26	5.8	11+	. 0	15	0	0	0	3.31		1.11	31	•0	0		7	2 1
DIVISION				77.6	2.0										3.53	23			•0				
EASTERN		80.7	67.6	78.7	2.9	0.0	3 14	56	3		14	0	0	0	2.04	- 1.45	. 95	29	.0	0		4	1 0
ASHLAND DAM 29 BARBOURVILLE BAXTER BENHAM BLAINE	AM AM	89.7 89.4 88.2 89.0 90.0	67.6 64.8 65.5 61.8 61.6	77.1 76.9 75.4 75.8	2.9	95 93 97 96	25 26+ 7 26 26+	57 58 52 52	13+ 13 12 3	0	19 14 17 17	0 0 0	0 0 0	0 0 0	2 • 90 2 • 82 3 • 59 1 • 73		.84 .50 .57	29· 7 7	+ 00	0 0 0		9 8 10 6	2 0 2 0 0 0
DEWEY DAM FARMERS GRAYSON 1 SE HEIDELBERG LOCK 14 HINDMAN SETTLEMENT SCH	AM AM R AM	89.8 89.2 90.7 88.8 85.6	65.7 63.9 64.3 65.3 62.8M	77.8 76.6 77.5 77.1 74.2	2 • 5	99	5 24 d 5 25 9 15 5 25 2 17	52 51 55	3	- 0	15 15 19 14 3	0 0	0 0	00000	2.10 4.44 2.51 3.86 1.02	•26	.76 2.36 .98 2.58	19 19 29	.0	0 0 0		5 6 4 7 4	2 1 2 0 1 1 0 0
INEZ LONDON FAA AIRPORT MANCHESTER 4 SE MIDDLESBORO MONTICELLO		91.3 88.0 89.8 89.4 88.3	59.5 65.9 65.5 64.6 66.5	75.4 77.0 77.7 77.0 77.4	1	94	8 12 25+ 7 26+ 5 26+ 7 26	56 56 56	17+ 12 13 13+ 12	+ 0	19 13 18 16 16	0	0	00000	1.91 2.59 2.24 1.86		.64 .64 .68 .68	5	.0	0 0 0 0 0		6 6 5 7	1 0 2 0 1 0
									0-1-		later	Salla		State	no Index			-		-			And a second property

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

CONTINUED Temperature Precipitation x6M Min. 1.00 or More Departure From Long Term Means Departure From Long Term Means Day .30 or More Max. Depth on Ground Above 32° or Below Below Below Below Below Lowest Date Date Total Dale Total Date 92 29+ 98 25+ 93 25 96 24 97 24 88.2 91.5 87.2 88.6 89.2 65.2 67.4 65.0 64.4 63.8 55 11 59 13 55 12 48 3 53 3 MOUNT VERNON
PIKEVILLE
SOMERSET 1 N
VANCEBURG DAM 32
WEST LIBERTY 76.7 79.5 76.1 76.5 76.5 1.06 1.00 3.15 1.00 1.08 4 1 3 1 3 1 1 1 2 1 3 0 0 14 0 19 0 12 0 16 0 14 4.33 4.84 5.54 2.03 4.11 00000 7 9 8 4 8 0 0 0 0 •0 •0 •0 00000 •95 1.83 АМ 96 26+ 0 18 90.8 65.8 59 13+ 0 0

0 4.10

2.95

• 65 18

.30

•0

•0

0

WILLIAMSBURG 2

OIVISION

АМ

78.3

76.9

2.1

1.7

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	rages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p	Trace	-10.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON WB AIRPORT	SW	22	6.6	35	sw	16	85	89	54	61	8	2	3	0	1	0	14	_	6.4
LEXINGTON WB AIRPORT	S	13	6.5	-	-	~	86	91	58	67	7	5	2	0	1	0	15	-	5.3
LOUISVILLE WB AIRPORT	s	14	7.3	37	s	16	85	90	57	62	5	2	2	1	3	0	13	57	5.7

DAILY PRECIPITATION

	- 1									Day of month															
Station	Total	1 2	3	4	5 6	7]	0 1	9	10 11 12	13 14 15	16	17	18	19	20 21	22	23	24	25	20 , :	27			30	31
ADDISON DAN 49 ADDLPHUS 1 N ALBANY 4 N	4.99				.91 F	.02	•03 •04 •21				.24	2.49	.46	+ 70		1		.0.5			.01		. B / 1 / 8 / 1 / 8 / 1 / 8 / 1 / 8 / 1 / 1		.18 .
ALLEN ARCHORAGE	5.36 3.71		T	+21 +12	.0					1	1 .09	1.47		1 + 91		+23			. 11		-27 1	.77	. 11	1	:
APEX 2 NE ASHLAND DAN 29	2.04	.01		1	.40 1.9		.02	1		.17	-14	2.20 .45 .18	.21	.07			-19				.21	+01	.75 .75		.01
BANBOURVILLE BARDSTOWN S J PREP SCH BAXTER	2.90	.10	. 30	.90	·19	.07	.03			.06	•07	.17	.01	•15	.45		.05	•10	٠0ء		L			-16	
BEAVER DAN BERHAN	3.74			.20	.62 2.1	-57	.06		. 14	.04	.05				.07 .40 .	11 .17		T				.92		423 404	.16
BERTON 2 BEREA COLLEGE BEREA WATER WORKS	5.90 1.44 6.57			.10 T	.47 1.3		· 29				.01 .17		.76	.07 1.53		. 96		.77	.11	.18	.11	.75 .79 1	1.26	.04	.56
BLAINE BOWNIEVILLE	1.73	.05		•20	.08 .2		.10			. 32	.07		٠0ء					.07		+02	T 1		1	.04 .65	т:
BOWLING GREER BOWLING ONEER SUBSTA BOWLING GREEN FAA AP	2.57 2.38 3.76	.04			.52 .0 .64 T	.77	.07	т				.16	.20		.02 .					1	T	.65 .51	•31	м	.76 .
BRENT DAN 56 BROWNSVILLE LOCK 6	Z+84 4+95	1.40		Т	.21 .47 T	.29	•12				.02		.30 .49	1	l • 12 • T	50			*02 T		.17 T	.04	.04		.75 .
BURDINE 2 RE BURKESVILLE CADIZ LOCK E	2.61 2.44 4.39	T .63		-45 1	.02 .1		• 27	т		Т	.05		.09	.05	:	5 3 2 1					.10 .10	T 0 3 Fl	.70	т	.15
CALHOUN LOCK 2 CAMPBELLSVILLE	7 - 84	****			.07 1.3	4 1.16				•02 •05	.21		1.64		1 - 12					.14	.06	.79	-13	-41	.02 •
CARROLLTON LOCK 1	5.01 5.25	+68			.62 .0	4 .07	.04	И		102	т	1.30	.05			6.8					.76	.97	.06 .86		.03 .
CLENHONT I SSE	3.68			·26	1.0		.11			. 35	1		.84			07	т					1 - 13		10.	
COLLEGE HILL LOCK 11 COVIRGION WE AIRPORT R	7.27 3.04 1.80	.20 .02	T	T • 30	.02 T	.01	+12 +54	T		.05	.15	.64 [.16	07 T	Т	T .	03		T	T	Т	*10 T	4	1.62	T	Т .
CUMBERLARD FALLS ST PK CYRTHIARA	2+46 5+26	Ť		•14	• 6 T		+14 T	т			.54	•56 1•25	.49	.38	T		.07			1	.51		1.07	•02	т .
CYNTHIANA 2 DARVILLE DELPHIA 1 E	4.50 3.67 1.97	.10	5	.12	•22	•02	٠06				• 42 • 35	.82 .90	.39	.25	.40 ·	02 -10					.03	•19	.95 1.47 .83	.03	.38
DEWEY OAR	2.10	.08		***	•12	1.10	.76		.04		1	.40	•21	T	7							+42	.19	.03	
DUNDEE BARRETTS FORD DUNMOR	4.02 6.35	o 50	ļ		.30 .4 .12 2.4	8 1.37	.10		*04		•02	.95 .64	.60	.09	•	2.5							•15 •24		.12
EDDYVILLE LOCK F EDMORTON	5.47	•12			.20 1.4	1	•15			•12			1.70	1 . 05							.05	.10	.20	.86	.15 .
ELIZABETHTOWN ELKHORN CITY ELKTON 2 S	5.59 5.67 4.47	+23		-10 1-15	.52 .04 .1	1	. 34			1.10 T	*22 T	T	.25 .61	. 75	•22 •	28	т	т	.20	.22	.18	.38	1.35	•56 T	.04
FALMOUTH FARMERS	3.21			.04 .03	.07						• 14		.83	2 • 36							.06	.11	.19	•01	•09
FLEMINGSBURG FLEMINGSBURG 2 FORD LOCK 10	5.30 2.89	RECORD M	ISSING	т	•02	T .10	.01 T			3.31	•11	.40	.53	T	.03		т			•15	.03	.56 T	.03 1.39	*17	7
FORDS FERRY DAN 50 FRAMKFORT LOCK 4	9.28				.10 2.3 T		•02				т	1.37	1.50			26				Т	•02	+29	.75	Т	.12 .
FRANKLIR 1 E FREEBURN 2 SW	6.21 3.37			.19	.68 .92	2.78		.02			.41	.78	.64 .82	Т					.40	.08	·07		2.11 .85	.01	.07
FRERCHBURG GAMALIEL GEORGETOWN WATER WORKS	2.73 3.93 1.97	.01 .04		1	.18 T	.05 .07	.08 .06		Т	. 44	į į	• 78	.81	•12		Т		.55	•13	•0,	•02 •31	.03	.85 .68	*10	.05 .
GEST LOCK 3 GLASGOW	2.11	.04		т :	.05 2.08 .3	0 .16					•06		•12 •07		•	82			.30		.15	.45	•20 •75		.09
GLASGOW WKAY GLENDALE 1 E GOLDER PONO 0 R	4.68 3.89 5.76			•12 1	.16 .1 .21 2.6	0 .07	•01				+05 +56	•46	•76 T					•69		•03	.09	•52 •02 •08	1.32		.92
GRART DAR 38 GRAYSON 1 SE	2.43			•04	•30 T	.01	•14 •07					.40 .45	.84 .24	.58						т		Т	T T	•06	.10 .71
GREENSBURG GREENSBURG HIWAY 61 BR GREERUP OAR 30	2.42 2.14 3.31			+04	.19 1.3 .29 .9	O T	•10 T			•01		•16 •21 •75	.59	T 88	•	03					.02 .01	02 02	•21 •20 •50	T	.16 . .12 .
GREERVILLE 2 W HARTFORD 6 RW	6.95			.05	.61 1.6		• 05 T				•20 T	3.24	1.70		т.	+40)			.03	.04 T	.26	1.34	.18	
HAZARD WATER WORKS HEIDELBERG LOCK 14 R	6 • 76 2 • 16 3 • 86	+32 +18 T		.18	.44 .15	.05		•03			.09	.07	.06 .26	+13		07	т		-10	т	T	.04 .35	.28		
HERDERSON 4 SW HICKMAN 1 E	9.71			•54	2.04 2.9	0 1.15				.06	.09		.03	.07	.13						.16	. 56	.16		.28
MTCKSVILLE MIGH BRIDGE LOCK 7 MIROMAR SETTLEMENT SCH	3.05 2.82 1.02			.05	.05	5 1.50	•56		•02		Т	.67 T	.58 .07	.01	.04 ·	03						.04	1.40	•20	T .13
HOPKIRSVILLE HYDER	3 · 5 4 2 · 8 4	.01 T		.30	.05 .1 L.06	7 2.54	.06	.01	Ŧ		.02	•09	.22		Ţ				•20		-12	.18	.80	•02	.05 .
IREZ IRVIRGTON JACKSON	1.91 4.57 1.83	Т		.22 .15	.47	T	•64 •01			.04		2.02	• 32		•52 •04				.43	•52	T .04	.09 .63 .02	• 05	• 91	
JERERIAH KEERE 1 NNE	3.38			.09	•09	-13					.20	•20	.35	1.87	•	11		.10		•40			.05 2.80		
KENTUCKY DAR LA GRARGE 1 SW LANCASTER	4.69 3.20				•15 •1 •25 •02	8 .98	T •18					2.00	1.29	T 1.14	Т .	25	7				.08 T	.15	.30		•20 • •10 •
LEITCHFIELO	5.20 4.98		Ţ		.09 .0	8 .01	•02	т			•07	1.16	1.42		т Т	21		Т	Т	•05	.02	•03	1.79	•02	.10
LIBERTY LITTLE HICKMAN LOCK 8	2.19 3.24 5.60		Т	T	•20		.45 .75			Т	.74		.05	.50	1.	- 1					.05	T	.95 .80	132	.25
LOCKPORT LOCK 2 LONDON FAA AIRPORT	2.14	•61	т	T •64	-09	Т	•03			т	.36	•01	.02	,	1	•01	• 47	•01		+41	.13	•45	•23		.03
LOUISA 2 LOUISVILLE LOUISVILLE WB AP R	5.27 5.20		т	.02 .10	T .1					T . 90	1.85	•21 2•55 1•03	.13	Т	•02			T T		т		.83 1.15	•16	.07 .01	Т .
LOUISVILLE UPPER GAGE LOVELACEVILLE	3.74			T	.07 T		T				• 24	1.85	•19						•17	*02 T	Т	T *	•74 •66	.08	.66
RADISONVILLE 1 SE HAMMOTH CAVE PARK MANCHESTER 4 SE	2.73 2.24				.11 2.0 .81 .0		• 22	.03		•15	.24	3 3.27 .39 .11	.46				+18	. 33	Т		· 0 2	•44 •17 •22	•43 •51	.14	2.95 .
RAYFIELD RAYSVILLE DAN 33	1.23				•05	3+19	•22			+09	•15		•25	.01	.07		.08				.06	+64 T	.35	•05	
MCKEE NIDDLESBORO RIDWAY	4.04 1.86			.03 T	.05 .25	*12 *01	•13	•19			•04	.04	.08 .08		1.08 .	1 %	+18	.04	.05 .01		.20	.24		.03	.30
HILLERSTOWN MONTICELLO	2 · 8 2 3 · 6 8 1 · 4 5			,	•17 T	.0 .19	.04				•32		.65		·	•15	3	.13		Т	T		1.65		.23
MOUNT STERLING MOUNT VERNOR	1.77	Ť		T •18	. •		•65			т	.85 .11	T	.16	•92	Т		T		т	•03	1		.40	.08	.03
RURFORDVILLE 1 N HURRAY OLREY	1.02 3.19 7.08			•31	.06 .1 T 1.2		.03				.16	.04	•34		•15 •03	+45	3			•33		T +31	• 37 T	•40	.11 .
								Ве	ee Reference N	otes Following :	Statio	n Inde	e ac												

Station	Total													Do	ıy of r	nonth																
Sidilon	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEIDA ONEONTA DAM 35 OWENSBORD 2 W OWENSBORD DAM 46 PADUCAH FAA AIRPORT	4.36 3.26 8.45 7.70 3.81		0		ī	.20 .11	1.56 .90 1.28	•30	•10 •13 •12	Т					• 02	T	.05 .01	*13 3.82	•62 •66		1.30			•15			•13	1.93 .62 .02 T	.74 1.56 1.35			T
PAOUCAH PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON	4.12 2.63 4.84 1.75 6.30	.0		• 4 1		1.34 .10 .46 .91	1.66	•06	T •02								T	1.07 .03 .02 1.33	•13 •29	•20	.03 .65	.10		•01	•15	۰06	.04	. 34 T	1.00 .03	•62 •32 •42 •47		.67
RAVENNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA	3.62 9.41 7.59 4.25 3.98	. 3			Т	.09 .08 1.67 .35		.45 1.15 .81 1.95 1.64								•02	T ⊕02		.18 1.61 1.21 1.09	.05	т	T		•09		т		•06	*15 *34	1.80 7.12 .A1 .08		.34 .54
SALVISA LOCK 6 SALVERSVILLE 2 SE SCOTTSVILLE SEBREE SHAWNEE STEAM PLANT	2.02 2.14 3.86 9.77 4.81	.64			T .48	.14 1.24 .90 .10	.43 2.88		.08								.06 .08 .32	.08 .20 1.40				. 34						7 •56 •18		1.22	•03 •63	•05 •19 •10
SHELBYVILLE 2 W SHEPHEROSVILLE SOMERSET 1 N SPRINGFIELO STEARNS	4.95 3.59 5.54 3.30 2.96				3.15	•16 •65 T •58 •70	•03 •28		•14 •43 •10							.06	1.00	• 38	.70		.18 .65	• 01	e A B	т	.07			;11	7 •9A •A4 •30 •11	•90	.95 .44 .01	
SUMMER SHAOE SUMMER SHAOE SUBSTA TAYLORSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	3.49 3.66 4.87 3.25	1.3			•42	.72	.27 .15 .05	•11	.09 .08						т		1.05	.05 .68 .15	.05 .21	.18		•07	•07	•97	T ∙85			•01 •11 •06	•68	.38 .20	.99 .50 .01	.83 .70 .78 1.35
UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANGEBURG OAM 32 WARSAW MARKLANO OAM	8.83 9.26 2.03 3.32	e1: RECO		551NG	T	.90 .03	. 90	2.78 1.57										•49	1.10 T	•21	•12	•17				т		•10 •01		6.35 .35	•03	T
WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13	2.59 4.11 4.10 3.31 4.40	.0:	В		7 •41 •03	•18 •20 •07 •35		•60 •13	•24 •43 •24								•15 •25 •11 •25 •21	.09 .65	•15 1•08 •65	•10		Т			•16 •06 •41			• 32 • 02 • 2A	7 •39 •21	1.26 .A5		.26 1.11
WOLF CREEK DAM WOODSURY LOCK 4	3.30 6.11	. 91	0				.08	1.10	•05								•35 •19		.40 1.08		•02				•75			•35 •02	•06 •07	•32	*07	•03

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Sureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955. Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, wben published, are for the 24 hours ending at time of observation. The station index shows observation times in local standard time. During the summer months some observers take the observations on daylight maying time. Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on graund values are at 8:00 s.m., C.S.T.

In the Station Index the letters C. G. H., and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Bourly Precipitation Data" Bulletin. G "Soil Temperature" Table.

 B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

 J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

 Anount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the rnof of a building.

 Gage is equipped with a windshield.

 An This entry in time of observations column in Station Index means after rain.

 A Data hased on observational day ending before noon.

 A Quested to a full security of the station of the state of the sta

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documente, Government Printing Office, Washington, D. C.

Information concerning the bietory of changes in locatione, elevations, exposure, etc., of substations through 1955 may be found in this publication "Substation History" for this etate. That publication may be challed from the Superintendent of Documents, Government Printing Office, Manhington 25, D. C. for 30 cents. Similar information for regular Weather Sureau etations may be found in the latest annual issues of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documente. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documente, Government Printing Office, Washington 25, D. C.

DAILY TEMPERATURES

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Atk	1	.1	1	13	ı

																Day (DI Me	no th															8
Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14				18	19	20	21	22	23	24	25	28	27	20	29	30	31	Areca
ANCHORAGE	MAX	119	85	87	78	89	87	P140	78	79	8 5	85	90	92	97	90	813	78	90	90	92	90 69	9)	90	92	94	97	85	82	n 6,	85	87	86.9
ASHLANO DAM 29	MAX	6.8 8.7	65	6.1	69	8.6	87	n 8	62	81	8.7	87	91	9.5	20	91	89	90	90	91	91	95	99	97	96	95	96,	89 70	8 / 12	814 72	8 a 70	89	89.7 61.6
BARBOURVILLE	MAX	90	90	91	74	90	67	85	85	84	61	86	90	91	62	90	89	89	91	21	91	91	97	94	90	95	94	89	816	84	20	91	89.4
BARDSTOWN S J PREP SCH	MIN	6.7	84	62	6.8	67	85	67	81	63	59	60 #7	97	91	91	69	86	63	90	92	90	91	94	92	93	95	94	91	85	70	68	8.8	88.3
BAXTER	MIN	90	87	90	72	65	6.8	70	83	83	57	53	5 B 8 5	90	92	91	6.7	67	85	92	92	92	92	70	93	91	93	71	70	70	70	87	88.2
BEAVER DAM	MIN	70	87	62 92	90	68	76	86	70	63	61	60	89	58	91	62	63	82	91	91	90	92	92	92	93	93	69	88	87	90	86	69	65.5
BENHAM	MIN	69	90	87	73	70	70	71	63	83	59	59	89	90	92	70	88	91	89	92	70	94	71 85	70	93	72	72	71	71	70	71	87	67.7 H9.0
BENTON 2	MIN	87	53 89	57	62	69	56 85	65 85	67	99	57	56 85	52	54	57 87	57 88	90	65 82	89	91	92	93	69 93	93	69	93	92	86	86	91	89	92	61 . 8
SEREA COLLEGE	MIN	89	87	65 93	72	69	70	69 92	89	59 86	57	57	96	96	95	88	68	85	70	90	70	67 95	94	96	68	70	97	70	71	71 87	71	90	91.4
8LAINE	MEN	68 89	60 86	61	71 82	61 8#	63	71 85	66 81	84	58 86	55 88	95	59 96	63 95	68	90	71	93	93	67 95	68	68 95	69 94	70 96	69 94	72 96	71	86	85	90	90	90.0
80NN I EVILLE	MIN	86	95	92	66 83	63 90	64 81	6 Z 8 6	67 77	60 82	95	54 87	90	55 92	54 89	59 88	86	61 79	61 91	92	91	93	94	93	65 91	94	93	63 89	87	68	81	90	87.6
BOWLING GREEN FAA AP	MIN	71	99	64 99	73 89	68	70	70	69 79	64	58	57 86	90	93	63 91	67 91	90	71 83	94	92	6 7 95	92	67 96	68 92	70	70 96	68 97	71 93	90	71 89	69 88	65 89	90.0
CAMPBELLSVILLE	MIN	68	63 86	68 90	73 83	72	71 85	66 85	64 85	6 3	62 85	60 88	92	65 93	65 91	69 89	67 86	70 83	92	67 93	69 92	93	69 95	70	94	71	72 93	72 89	72 87	71	70	68	89.3
CARROLLTON LOCK 1	MIN	73	62	63	73	70	69 87	71	63	64 81	59	59 87	59 90	63 95	66 93	67 91	68 87	71	90	67 90	69 91	68 92	70	71 93	71 95	72 95	71 93	72 88	71 85	70 87	68	88	67.5
CLERMONT 1 SSE	MIN	67	63	60	70	66 94	67	68	65 89	62	60	58	60	58 95	63 92	67 89	69 87	68 79	69 95	69 96	70	68 93	70	70 95	70	70 98	71 98	72	72	73	69 92	61 92	92.1
COVINGTON W8 AIRPORT	MIN	69	61	61	73	65 89	70	72	61	62	58	98	58 92	61	64	68	69 89	68 79	67 90	68	6 8 9 2	68 91	69 95	69 95	69 96	71	70 95	71 89	70	71	71 91	93	89 • 3
CYNTHIANA 2	MIN	64	59	57	69	65	70	70	63	62	60	61	64	62 92	69	71	69 94	69 86	70	70 92	72 92	70 93	72 93	72 94	73 95	70	73 97	72 95	74 92	71	69 90	90	67 • 6 90 • 0
OANVILLE	MIN	68	63	55	61	64	63	70	64	60	56	54	95	56 91	61 92	64	64 88	67 80	67 81	68	65 91	67 89	67 88	69 92	70	70 92	70	69 93	67 89	69 83	69 86	65 87	87.8
OEWEY OAM	MIN	70	64	62	65	66	67	71	66 86	65	60 83	59	60	60	65	66 95	68 95	69 91	67 86	68 92	6 8 9 2	69 95	70 92	70 96	73 96	73 95	72 94	71 95	71 86	69 87	70 87	65 84	67+1 89+8
MAO XIO	MIN	70	70	58	58	67	66	66	67	70	62	60	59	60	60 92	60	67 83	62 79	65 90	68 91	66 90	66 91	70	70 95	70 94	70 96	70 96	67 94	67 88	70 86	70 86	67 88	65 • 7 88 • 7
ELIZABETHTOWN	MIN	65 92	65	63	74	68	67	71	65 85	65 82	61	59	60	63	65	70	69 88	70 78	68 90	68 91	70 92	70 92	71	72 92	73	74 93	73 94	73 90	70 86	71 87	70 88	66 95	68 • 0 89 • 1
FALMOUTH	MIN	69	59	65	74	65	70	69	61	60	58	58	92	61	64	66	64 88	72 81	67 91	67 92	69 94	68 93	69 95	67 95	70	72 97	71 90	69 88	70	70 89	69 90	67 91	66+3 89+3
FARMERS	MIN	69	60	56	70	66	65	69	63	63	59	56	58	56	61	63	68	67 85	67 91	67 92	68	68 94	69 94	68 95	69 93	69 96	70	70	71 83	73 88	69 86	65 90	65 • 4 89 • 2
FLEMINGSBURG 2	MIN	69 85	58	52	71	67	64	67	68	62	58	56	55 91	93	58 92	60 92	64 85	56 82	59 91	66 90	67 92	67 92	67	68	69 92	70	68	69 90	71 84	70 88	68 87	66	63.9 87.8
FOROS FERRY DAM 50	MIN	65	60	55 95	72	66	63	68	65	60	56	55	59	59 93	61	65	68	68	66 93	67 93	67	69 93	69 93	70	70	71 92	71	69 86	72 88	70	68 88	66 89	65.5
FRANKFORT LOCK 4	MIN	72	66	70	72	71	70	72	63	66	62	63	64	67	72	72	71	72	70	70	69	72 93	71	72	73	74	70	72	72	71	73 88	69 89	69.8
GLASGOW WKAY	MIN	69	64	60	62	66	67	69	63	80 63 82	85 60 83	59	60	59 91	61	66	68	68	67	69	69	70	69 92	70	71	72	72	72	72	71	70	65 87	87.4
GOLOEN PONO 8 N	MIN	70	63	65	73	69	70	68	62	63	58	60	59	61	64	68	68	71	66 89	66	66	67 92	67		69 95	70	68	70	70 85	70	68	66 90	66 • 6
GRAYSON 1 SE	M1N MAX	67	61	66	72	70	64	68	60	82 63 81	84 55 82	87 57	90 58 90	61	65	65	65	66	67	66	66	66	68	67	68	69	66	69	64	70	72	64	65 • 3
GREENSBURG	MIN	70	60	51	55	65	65	63	65	61	56	55	58	57	59 92	63	65 88	65 86	68	68	66 92	68	68	69	70	70	70	68	70	71	68	66	64 • 3
GREENVILLE 2 W	MIN	73	60	63	65	69	71	71	64	64	61	59	59	61	65	66	67	69	67	68	70	68	69	71	72	71 93	71	72 86	71	71	70	65	67 • 2 87 • 9
HEIDELBERG LOCK 14	MIN	92	0.4	63	73	70	70	70	82 64	81 65	83 59	86 59	59	64	89 66	68	69	68	66	68	68	70	70	69	70	72	70	70	71		71	67	67.5
	MIN	67	86 58	58	87 70	88 65	65	70	70	63	85 58	86 57	91 55	94 55	91 60	90 63	66	65	66	64	68	67	67	69	70	69	70	69	71	71	69	68	65.3
HENOERSON 4 SW	MAX	88 67	89 63 88	92 69 89	87 70 92	86 70 93	76 69	87 66 93	75 62 90	63	83 60 83	86 61 86	61	92 66	88 69	88 70 88	89 70 90	81 67 91	68	69	69	70	71	70	72	74	73	71	70	70	71	66 95	68.0
HINDMAN SETTLEMENT SCH	MAX	70	62	64	68	72	72	70	61	85 62 84	59	58	92 59	90 62	92 65	60	68	70	68	68	69	70	69	68	67	70	67	70	71	70	68	68	66.6
	MIN	89 57	57	67	64	22		63	62	60	58	83 58	87 53	52	89 59	61	88	60	65	64	64	65	67	66	68	68	67	64	65	69	68 91	66	62 • 8
HOPKINSVILLE	MAX	70	88	66	73	89 72	70	65	61	64	85 59	60	60	90	91 66	68	67	70	68	67	67	92 69	69	69	96	72	68	69	71	70	72	67	67.3
INEZ	MAX	63	86	52		88 63	90 60	60	61	98	86 55	88 54	98	96	96 53	93 57	61	93 52	61	95 54	94 61	95	97 63	97 63	96 65	96 64	96 63	60	88 64	85 65	91	90 63	91.3
1RV1NGTON	MAX	68	86 64	92 66	70	95 67	85 69	90 71	78 61	83 64	87 57	90 59	94 58	96 62	94 65	70	89 69	79 69	94 68	69	91 69	95 69	95 70	95 71	95 72	96 73	71	91 71	70	92 71	89 70	89 66	90.4

Continued									D.	UT.		11	714]		TL.	. 1	011			-											AUG	SUST	1959
Station		-						-				-			- 1	1	Of Mo	1															erage
	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Аче
LEITCHFIELD	MAX	86 70	85 65	89 66	84 71	90 70	79 71	86 67	78 63	81 66	82 62	85 62	91 62	91 67	92 70	89 70	89 67	77 69	90 69	90 70	90 71	92 71	92 72	91 72	92 73	94 73	91 72	87 72	87 65	89 70	87 68	88 69	87 • 5 68 • 5
LEXINGTON W8 AIRPORT	MAX	85	82	85	83	88	88	86	77	83	84	86	92	94	94	90	81	80	90	90	89	93	95	93	94	94	93	87	78	86	86	88	87.5
	MIN	69	64	65	70	69	68	71	67	64	62	61	64	65	67	70	70	69	68	69	71	71	72	72	74	74	74	73	69	71	69	67	68.7
LONDON FAA AIRPORT	MAX	84	86	90	82	89	89	84	81	83	84	86	91	93	91	87	84	83	91	92	94	93	91	94	91	94	92	88	80	86	8,7	88	88.0
	MIN	65	61	65	69	66	66	69	66	64	57	59	56	60	61	67	67	66	67	66	66	67	68	72	69	70	68	70	70	69	68	68	65.9
LOUISVILLE	MAX	90 71	88 70	92 68	84 72	94 68	92 73	91 72	85 66	83 69	88 65	90 65	95 65	97 67	94 72	94 74	86 68	83 67	95 68	94 72	90 74	96 73	97 74	97 74	94 75	98 76	96 75	94 74	93 72	94 74	90 73	94 68	91.9 70.8
LOUISVILLE W8 AP	MAX	91	88	91	82	94	88	90	80	82	87	91	96	97	96	92	85	80	95	95	94	96	98	98	95	99	100	90	86	91	89	91	91.2
	MIN	71	68	69	70	67	73	70	67	66	64	62	61	65	69	71	70	70	70	73	73	74	74	74	74	74	74	75	70	72	72	69	70.0
LOVELACEVILLE	MAX	88	90	94	89	93	86	88	82	84	83	85	91	92	87	86	91	84	91	91	90	93	94	94	95	91	89	86	87	91	91	88	89 • 2
	MIN	69	64	66	74	73	72	72	64	61	59	54	60	64	67	69	69	67	67	69	67	69	69	69	69	70	67	72	72	72	70	67	67 • 5
MADISONVILLE 1 SE	MAX	86	87	92	90	90	75	87	82	80	83	85	89	90	88	92	88	81	90	91	90	92	91	93	93	93	90	87	85	91	89	89	88.0
	MIN	69	61	67	76	71	69	70	62	65	60	59	60	63	65	70	70	66	67	67	67	69	70	68	70	72	71	70	71	69	69	65	67.4
MAMMOTH CAVE PARK	MAX	87	88	90	87	93	85	88	84	84	83	87	82	80	90	89	87	82	90	92	90	94	94	92	90	94	92	88	88	86	84	88	88.0
	MIN	66	55	60	66	65	66	65	58	62	55	54	54	58	60	64	63	67	59	61	63	62	63	63	64	62	62	66	65	65	63	60	61.8
MANCHESTER 4 SE	MAX	87	86	90	84	90	89	85	84	85	85	87	92	94	93	90	87	85	92	93	95	94	93	96	94	97	97	92	81	86	91	90	89 • 8
	MIN	68	58	62	70	66	67	68	71	63	61	60	57	56	60	61	66	63	65	66	66	68	70	70	69	68	69	68	70	69	68	69	65 • 5
MAYFIELD	MAX	90	92	93	91	94	88	90	79	85	84	86	90	91	87	86	85	88	89	87	89	93	94	95	90	91	85	84	84	93	94	90	88.9
	MIN	71	65	68	80	74	72	70	62	65	60	60	61	66	70	69	69	69	68	70	67	70	70	69	72	67	70	72	72	72	80	68	69.0
MAYSVILLE DAM 33	MAX	90	86	80	81	82	88	87	86	80	80	82	88	90	94	92	87	85	80	88	88	93	91	91	92	92	94	88	88	83	86	90	87 • 2
	MIN	64	62	56	59	65	67	67	68	62	60	58	58	59	60	63	65	65	66	67	67	68	68	69	70	70	71	71	69	71	70	66	65 • 2
MIDDLES80RO	MAX	89	90	89	83	91	86	82	85	85	86	87	91	92	92	88	88	86	90	94	92	94	94	93	92	95	95	89	85	87	90	91	89.4
	MIN	67	58	62	70	67	66	67	70	60	59	59	56	56	60	59	65	63	66	64	66	66	69	68	69	68	68	67	69	65	68	66	64.6
MONTICELLO	MAX	87	87	90	83	89	86	83	80	82	83	86	90	92	89	87	86	83	89	91	92	90	93	90	92	94	97	91	87	88	90	89	88 • 3
	MIN	70	59	65	70	71	71	70	68	64	61	63	55	60	64	68	69	70	65	65	66	66	67	69	68	70	69	70	70	68	67	65	66 • 5
MOUNT STERLING	MAX	86	83	86	82	84	88	84	83	83	86	85	91	94	94	91	91	81	90	90	93	92	93	95	96	95	93	88	85	82	85	87	88 • 3
	MIN	67	60	58	71	67	69	68	66	63	58	57	58	62	63	66	65	68	66	66	67	68	70	70	71	70	72	68	70	68	68	65	66 • 0
MOUNT VERMON	MAX	90	86	89	88	87	88	88	83	82	82	88	90	89	90	91	86	86	90	91	89	90	91	90	90	92	91	88	79	92	87	91	88 • 2
	MIN	69	59	63	65	65	67	64	65	65	66	55	58	60	61	59	68	69	68	66	66	67	67	69	69	68	66	67	67	68	66	70	65 • 2
MURRAY	MAX	89	90	94	91	92	88	90	80	83	84	87	90	91	89	88	90	85	89	90	91	92	93	94	94	91	92	87	88	93	90	89	89.5
	MIN	70	64	68	75	74	70	71	67	65	60	60	62	67	69	71	70	70	70	69	68	70	70	69	70	71	69	71	73	73	70	68	68.8
OWENSBORO 2 W	MAX	89	89	94	84	90	75	88	80	85	84	89	92	91	88	88	86	79	91	91	91	93	94	94	95	94	90	87	86	92	91	92	88•8
	MIN	68	66	68	74	67	68	70	63	65	58	60	61	65	66	70	69	67	67	68	69	70	71	70	72	70	72	71	71	71	72	69	68•0
PADUCAH FAA AIRPORT	MAX MIN	87 69	89 64	92 70	88 75	90 72	85 70	86 67	75 63	81	81 61	85 60	90 60	91 65	86 69	86 70	91 71	80 68	89 68	89 70	89 68	91 71	92 72	93 72	95 71	93 73	87 70	83 73	83 73	90 74	89 71	88 69	87.5 68.7
PADUCAH	MAX	89	92	95	91	95	85	89	83	86	85	88	89	92	88	89	91	82	92	90	92	94	95	94	96	92	92	85	85	85	85	86	89 • 4
	MIN	68	64	69	76	73	72	71	63	63	60	61	61	65	68	70	70	68	68	71	67	69	70	70	70	71	67	71	71	70	70	67	68 • 2
PIKEVILLE	MAX	88	89	90	84	87	91	89	84	87	87	90	95	97	94	93	93	91	95	97	98	89	97	98	97	98	93	88	87	86	92	93	91.5
	MIN	71	60	62	70	70	67	69	72	64	63	64	61	59	60	65	67	66	70	68	67	70	72	71	72	72	71	65	70	70	71	70	67.4
PRINCETON	MAX MIN	89 71	90 64	93 69	85 74	87 72	84	88 70	81 63	83 60	82 59	86 60	90 61	90 63	87 67	88 71	89 69	89 68	90 62	90 63	89 70	86 69	95 70	94 70	93 71	93 73	92 69	84 72	86 71	92 71	89 73	90 68	88 • 5 67 • 9
R I CHMONO	MAX	90	84	83	89	81	89	85	83	80	82	83	85	91	93	91	88	84	81	92	90	90	92	91	95	92	95	94	88	79	85	86	87.5
	MIN	70	63	62	69	65	65	70	67	63	58	57	58	59	63	67	67	68	65	65	67	68	69	70	70	70	71	71	69	69	68	66	66.1
RUSSELLVILLE	MAX	89	91	95	89	93	75	88	84	84	84	87	91	92	89	89	88	82	90	92	91	93	94	95	95	95	92	90	88	89	91	90	89.5
	MIN	70	71	67	75	71	70	68	62	65	58	58	59	65	71	70	69	69	68	66	68	69	68	69	69	70	70	69	71	72	71	70	68.0
SCOTTSVILLE	MAX	88	88	92	90	91	83	86	79	84	83	86	91	93	90	89	88	83	91	91	93	92	93	92	93	95	92	90	89	90	89	90	89 • 2
	MIN	69	59	65	71	72	72	70	63	64	59	58	59	64	66	69	68	70	69	68	68	68	68	71	69	69	72	71	72	71	69	66	67 • 4
SHELBYVILLE 2 W	MAX	88	85	86	82	87	85	85	85	81	84	87	91	93	93	90	85	80	90	90	89	94	89	93	91	93	92	90	85	87	85	87	87.8
	MIN	69	64	63	69	65	69	70	64	65	62	59	60	63	66	63	63	68	67	68	70	69	70	71	71	72	72	72	72	71	67	65	67.1
SOMERSET 1 N	MAX	84	84	90	82	89	86	85	80	84	83	84	8 8	90	90	85	85	85	90	90	90	91	92	91	91	93	92	88	82	86	87	87	87 • 2
	MIN	69	59	62	66	67	69	70	66	62	57	56	5 5	60	59	65	67	68	63	64	67	65	64	70	67	69	70	71	69	68	67	65	65 • 0
SUMMER SHADE	MAX MIN	88 66	88 60	97 66	85 72	90 70	78 71	86 69	77 62	84	84 57	86 58	93 58	93 61	92 63	91 67	4.0	85 71		94 66	92 68	91 68	, , ,		90 69		93 70	90 70		88 70	89 69	87 66	89.0 66.6
VANCEBURG DAM 32	MAX MIN	87 62	84 57	85 48	83 68	87	88 65	84 64	78 65	80 61	83 59	84 58	89 60	91	93 62	91 65	92 65	85 66	90 66	91 66	93 69	91 68	93 65	94 69	96 68	95 69	93 69	90 68	90 68	88 70	90 68	89 65	88•6 64•4
WARSAW MARKLAND DAM	MAX MIN	90 70	85	87 61	85 66	92	94 70	91 73	84 66	85 64	88 62	89 62	95 65	97	96 65	93 65	90 70	83 72	96 71	96 72	95 72	95 72	94 72	95 70	99 74	98 75	90 75	86 75	85 76	94 75	87 73	92 75	91 • 2 69 • 3
WEST LIBERTY	MAX MIN	91	86 59	84 53	89 63		87 64	89 66	86	82 62	83	85 57	89	90	94 56	95 62	91 64		86 65	91 66	93 65	95 68	94 68	94 68	97 69	95 68	95 67	93 67	84 68	84 69	84 65	89 65	89.2 63.8
WILLIAMSBURG 2	MAX MIN	96 68		91 61	92 68	85	93 68	85	87 69	85 62	86 61	87 61	89	94	95 63	92 64	89 66		87 66	92 66	95 67	95 67	95 68	95 71	94 68	94 68	96 68	95 70	88 69	84 67		92 66	90 • 8 65 • 8
WILLIAMSTOWN 5 WSW	MAX MIN	90		82 58	82 60	82	89 65	91 67	86 62	78 61	79 58	82 58	86 61	92	93 65	93 69	89 68		79 67	90 67	91 69	93 70			91 71	94 70	97 71	93 69		79 70		91 63	87•9 65•4
WOLF CREEK DAM	MAX	92	87 57	88			90	82 68	87	80	85	84 57	88	92		91 64	89	88 64	85	91	93 64	92 66	94 67	95	92 68		95 67	93 67		90 66		90 65	89.8 64.1

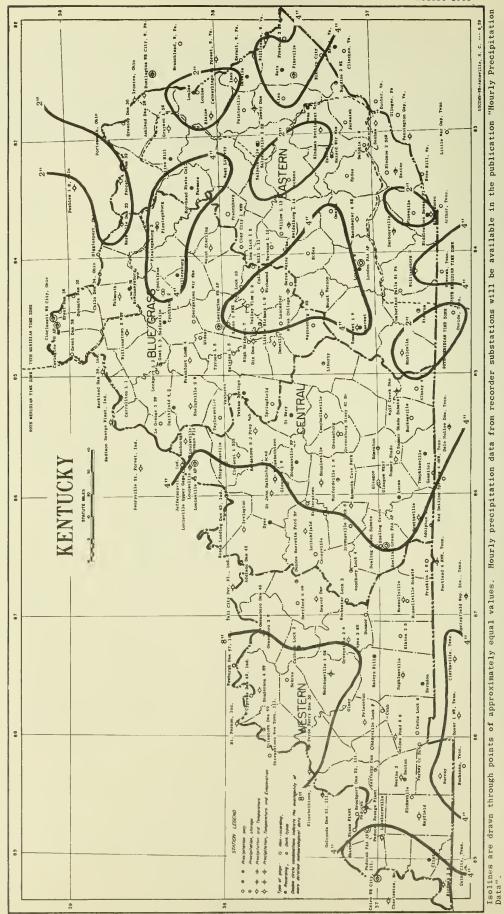
EVAPORATION AND WIND

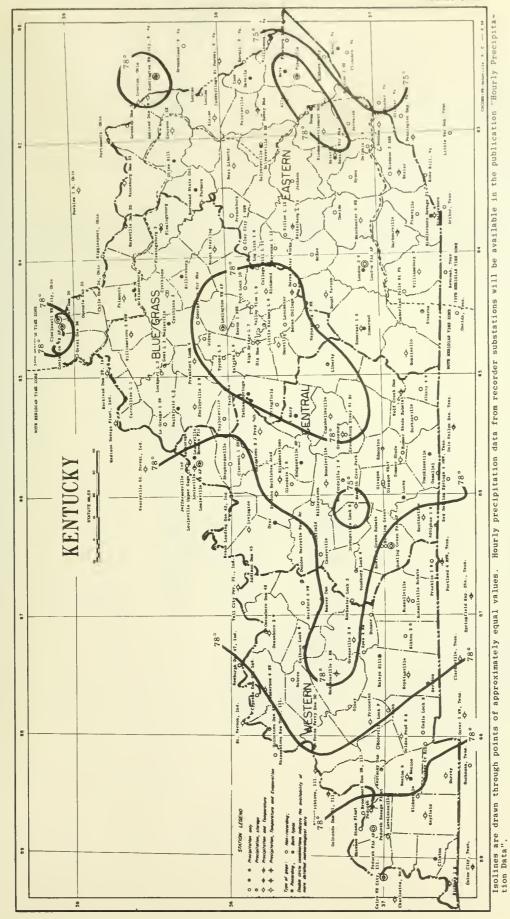
A INTO SECTION A

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																1)ay o	Emoi	itti														
Station		1	2	3	4	5	6	7	в	9	10	11	12	13	14	18	16	17	(81.)	10	20	21	22	21	24	25	26	27	28	29	30	11	Total Any
DEWEY DAM	EVAP W1ND																		07		19	22 1	18	03						5	1		85,42 61
DIX DAM	EVAP W1ND	24 16	. 33	.26 46	12 10	11 16	.18	, 20 25	.22 59	15	.18	. 21 35	. 20	.22	25 	. 26	27	10	.33 16	2.7 1.1	17	.18	18	24 17	19 12	.20 19	. 19	22 30	17 24	27	5		06 04 644
MADISONVILLE 1 SE	EVAP WIND	28 39	. 32	.28 47	.14 46	. 13 39	38	- 116	. 28 67	. 25 51	.16 39	. 14 16	. 26 22	. 16 21	.18	.12 44	. 22 55	56	2H 30	. 14 35	14 17	28 18	16 20	.08 25	14 10	.15 9	. 28 20	11 35	.12 33	46			85,93 1021
WOLF CREEK DAM																																	6.21 544

TOTAL PRECIPITATION

KENTUCKY AUGUST 1959





STATION INDEX

CTETION	X NO.	COUNTY	AGE 1	TUDE	TUDE	ATTON	OB	SER TIME	VAT AN	D	OBCEDIED
STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUD	ELEVA	TEMP.	PRECIP.	EVAP.	SPECIAL GER MOTES	OBSERVER
ADDISOM DAM A5 ADDLPHUS 1 N ALBANY A N ALLEN ANCHORAGE	0031 00A3 0063 0095 0155	BRECKINRIDGE ALLEN CLINTON FLOYO JEFFERSON	7 3 2 1 7	37 55 36 39 36 A5 37 35 38 16	86 3A 86 16 85 08 82 A3 85 33	350 600 1000 656 700	7P	6A 7A 7A 8A 7P		c	CORRS OF ENGINEERS IDELL M. DEARING MRS.BARBARA M. COOL MANNIE AUXIER C. E. BARRET
AREX 2 NE ASHLAND DAM 29 BARBOURVILLE BARDSTOWN S J PREP SCH BAXTER	0185 0254 0381 0397 0A50	MUHLENBERG BOYO KNOX NELSON HARLAN	3 7 2 8 2	37 08 36 27 36 52 37 A8 36 51	87 19 82 36 83 53 85 48 83 20	510 551 1000 631 116A	6R 6P 6R 7A	7A 7A 6R 6R 7A		C H	SPENCER RROWSE CORPS OF ENGINEERS UNION COLLEGE ST. JOSERH PREP. SCHOOL C. HOMER NOLAN
BEAVER DAM BENHAM BEMTOM BENTOM Z BEREA COLLEGE	01.00		3 2 9 9	37 25 36 58 36 51 36 51 37 3A	86 52 82 57 88 20 88 20 84 18	AA1 1585 395 305 1070	6P 8A 5P 6R	6P 8A 5P 6R		н с с н	E. G. (OUNG C. C. WHITEAKER JAMES H. MILLER RADIO STATION WCBL JAMES A. GROSSMAN
BEREA WATER WORKS BLAINE BOMMIEVILLE BOWLING GREEN BOWLING GREEN SUBSTA	062A 0752 0854 0904 0907	MADISON LAWRENCE HART WARREN WARREN	4 1 3 3 3	37 33 38 02 37 23 37 00 37 01	8A 15 82 50 85 5A 86 26 86 26	1010 670 702 536 A70	6R 6P	7A 6P 6P 7A 5A			MRS. LAURA B. GABBARD A. ENOCH WHEELER HAROLD WALTERS JAMES R. EDWARDS TVA-639
BOWLING GREEN FAA AR BRENT OAM 36 BROWNSVILLE LOCK 6 BUROINE Z NE BURKESVILLE		WARREN CAMRBELL EDMONSON PIKE CUMBERLANO	3 7 3 1 2	36 58 39 03 37 12 37 13 36 47	86 26 8A 25 86 16 82 35 85 22	535 497 A10 16A3 600	M10	MIO 7A 7A 8A 7A		С	FED. AVIATION AGENCY CORPS OF ENGINEERS ELDRIDGE SKAGGS EDWIN E. JOHNSON MARVIN M. LEE
CAD12 LOCK E CALHOUN LOCK 2 CAMRBELLSVILLE CANEYVILLE CARROLLTON LOCK 1	1206 1227 1256 1294 13A5	TRIGG MC LEAN TAYLOR GRAYSON CARROLL	3 3 4	36 46 37 32 37 20 37 25 38 41	87 58 87 16 85 21 86 30 85 11	A24 402 771 600 480	6R 6R	7A 7A 6P 7A 6A		с н	CORPS OF ENGINEERS CORRS OF ENGINEERS ALVA MC KINLEY G. V. COX SR. CORPS OF ENGINEERS
CLAY CITY 1 WNW CLERMONT 1 SSE CLINTON COBB COLLEGE HILL LOCK 11	1576 1611 1631 1663 1704	POWELL BULLITT HICKMAN CALOWELL FSTILL	A 8 6 2 4	37 52 37 55 36 41 36 59 37 47	83 56 85 A0 89 00 87 47 84 06	712 5A0 390 490 611	5P	7A 5P 7A 7A		c	JOEL W. MOUNTZ BERNHEIM FOUNDATION WOODSON D. FRANKLIN MRS BENNIE 8. WHITE CORRS OF ENGINEERS
# COVINGTON WB AIRRORT CUMBERLAND FALLS ST PK CYNTHIANA CYNTHIANA 2 DANVILLE	1855 1969 1998	BOOME WHITLEY HARRISON HARRISON BOYLE	7 2 5 5 4	39 04 36 50 38 23 38 23 37 39	84 40 84 19 84 18 8A 17 84 46	869 1070 684 719 955	M10 8A 7A	MIO 5R 7A 8A 7A		H H	U.S. WEATHER BUREAU KY. DERT. OF CONS. MARSHALL HILL KY. CAROINAL DAIRY R. P. COLDIRON
OAVELLA OELPHIA I E OEMA OEWEY OAM OIX DAM	2053 2132 2139 2180 2214	MARTIN PERRY KNOTT FLOYO MERCER	1 1 1 4	37 48 37 02 37 25 37 45 37 48	82 32 83 07 82 48 82 47 84 43	718 16A7 850 653 870	7A 4P	8A 7A 7A	7A 7A	c c	MRS. EVA M. OAVIS BALLARO F. WALKER. JR. MATTIE B. BARNEY CORPS OF ENGINEERS PHILLIP O. THACKER
OUNDEE BARRETTS FORD BR OUNMOR OYER EDDYVILLE LOCK F EDMONTON	2358 2366 2301		3 3 3 2 3	37 33 37 05 37 43 37 03 37 00	86 43 87 00 86 13 88 05 85 37	440 592 793 420 865		7A 7A 7A 7A		C H	JESSE L. HUFF N. O. GIVENS LENA BLAIR CORPS OF ENGINEERS JOHN E. MORAN
ELIZABETHTOWN ELKHORN CITY ELKTON 2 S FALMOUTH FARMERS	2510 2528 2548 2775 2791	HAROIN PIKE TODO PENOLETON ROWAN	3 1 2 5 5	37 41 37 18 36 47 38 40 38 09	85 52 82 21 87 10 84 20 83 33	739 800 520 560 668	6P 6P 4P	6P 7A 7A 7A 7A		н	RADIO STATION WIEL EDMOND O. BENNETT S. RICHARO ANDERSON FRANK H. LAWSON MRS. C. C. STAMPER
FLEMINGSBURG FLEMINGSBURG 2 FORD LOCK 10 FORDS FERRY DAM 50 FRANKFORT LOCK 4	29D3 2908	FLEMING FLEMING MADISON CRITTENDEN FRANKLIN	5 5 4 7 4	38 25 38 25 37 54 37 28 36 14	83 43 83 45 8A 16 88 06 84 52	870 911 660 356 504	6P 6P 6A	7A MID 6A 6A 6A		сн	MRS. JEAN FLEMING WILLIAM H. FISCHER CORPS OF ENGINEERS CORPS OF ENGINEERS
FRAMKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL GEORGETOWN MATER WORKS	3036 3046 3052 3112 3194	SIMPSON PIKE MEN1FEE MONROE SCOTT	3 1 5 3 4	36 43 37 33 37 57 36 38 38 12	86 34 82 10 83 39 85 48 84 33	690 730 864 860 888		7A 8A 7A 8A			MRS KATIE D. NEAL MRS ALTA S. GOOSLIN MISS ESTHER WILSON E. GUY DECKARO WILLIAM F. BRAMBLETT
GEST LOCK 3 GLASGOW WKAY GLENOALE 1 E GOLDEN PONO 8 N	3203 3241 3246 3252 3295	HENRY BARREM BARREN HAROIN TRIGG	3 3 3 2	38 25 37 00 37 00 37 36 36 54	84 53 85 55 85 55 85 54 88 00	490 780 808 710 393	6P 4P	7A 7A 6P 7A 4P		СН	CORPS OF ENGINEERS EMILY M. BEAM RADIO STATION WKAY DEWEY S. HILL FISH + WLDLF. REFUGE
GRANT OAM 38 GPAYSON 1 SE GREENSBURG GREEMSBURG HIWAY 61 BR GREENUP OAM 30	3392	BOONE CARTER GREEN GREEN GREENUP	7 7 3 3 7	38 59 38 19 37 15 37 15 36 37	84 50 82 56 85 30 85 30 82 51	503 900 630 590 538	6A 7A	7A 6A 7A 7A 7A			CORPS OF ENGINEERS ALBERT G. SWANAGAN HOWARD PICKETT LYNN T. BLAKEMAN CORP OF ENGINEERS
GREENVILLE 2 W HALEYS MILL HARTFORD 6 NW HAZARD HAZARD WATER WORKS	3451 3539 3652 3709 3714	MUHLENBERG CHRISTIAN OMIO PERRY PERRY	3 3 4 4	37 12 37 03 37 32 37 15 37 15	87 12 87 20 86 54 83 12 83 11	519 740 429 869 880	5P	5P 8A 7A		C C	C. R. LOVELL CLEATUS E. BRINKLEY DAVID K. CARSON H. A. BAILEY LEE J. MOGSTON
METOELBERG LOCK 14 MENDERSOM 4 SW MERNOON MICKMAN 1 E MICKSVILLE	3741 3762 3798 3816 3821	LEE HENDERSON CHRISTIAN FULTON GRAVES	4 7 2 6 9	37 33 37 47 36 44 36 34 36 48	83 A6 87 37 87 34 89 10 88 30	663 382 512 -	5P 6P 7A	6A 6P 7A 7A		С Н С	CORPS OF ENGINEERS FRANK STREET C. W. KEATTS MRS. NFLL S. CALVIN TVA-679
HIGH BRIOGE LOCK 7 HINDMAM SETTLEMENT SCH HODGENVILLE NAT PARK HOPKINSVILLE HYDEN	3837 3899 3029	JESSAMINE KNOTT LARUE CHRISTIAN LESLIE	4 3 2 4	37 49 37 20 37 32 36 51 37 10	8A 43 82 59 85 44 87 30 83 23	5A4 1080 788 540	8A 7A	6A 8A 7A 7A		с н	CORPS OF ENGINEERS MINDMAN SETTLEMENT SCH. NATIONAL PARK SERVICE NEWELL F. SMITH MRS. FERN F. ELAM
INEZ IRVINGTON JACKSON JEREMIAH KEENE 1 NNF	4165 4196 4255 4369	MARTIN BRECKIMPIDGE BREATHITT LETCHER JESSAMINE	1 3 4 4 4	37 52 37 53 37 33 37 10 37 57	82 32 86 17 83 23 82 56 84 38	638 6A6 795 1150 941	6P 7P	6P 7P 7A 5P 7A		н	UNITED FUEL GAS CO- FLOYD G. ROBBINS JAMES O. MALONEY HOBART ISON HUGH W. BUFFIN
KENTUCKY DAM LA GRANGE I SW LANCASTER LEITCHFIELD LEXINGTON WB AIRPORT	4414 4595 4620 4703 4746	LIVINGSTON OLDHAM GARRARD GRAYSON FAYETTE	9 7 4 3 4	37 01 36 24 37 37 37 29 38 02	88 16 85 24 84 35 86 18 84 36	362 874 1032 642 979	6Р МІД	5A 6A 8A 8A MID		СНЛ	TVA-379-A ALBERT V. HARDIN KENTUCKY UTILITIES CO. CLYDE STIKELEATHER U.S. WEATHER BUREAU

		-		1				OF	SER	VAT	ION	AUGUST 1959
	STATION	NO.	COUNTY		LATITUDE	LONGITUDE	ELEVATION		TIME	AN	D	OBSERVER
		INDEX		DRAINAGE	LAT	TONO	ELEV	TEMP.	PRECIP.	EVAP.	SPECIAL (GLE NOTES)	
	LIBERTY LITTLE HICKMAN LOCK B LOCKPORT LOCK 2 LOGLICK I S LONDON	4755 4825 4857 4882 4893	CASEY JESSAMINE HENRY CLARK LAUREL	3 4 4 4 2	37 21 37 45 38 26 37 51 37 07	8A 55 84 35 84 58 84 02 84 06	772 560 485 773 1280		7A 7A 6A		c c	PALLIA F. HANKLA CORRS OF ENGINEERS CORPS OF ENGINEERS HUBERT BURGHER SUE BENNETT COLLEGE
	LONDON FAA AR LOUISA LOUISA 2 LOUISVILLE LOUISVILLE BOWMAN FLD	4943 4946 4949 4951	LAUREL LAWRENCE LAWRENCE JEFFERSON JEFFERSON	2 1 1 7 7	37 05 38 07 38 07 38 14 38 13	84 05 82 37 82 36 85 46 85 40	1191 582 585 462 558	MID 6R	MIO 8A 6P		C C	FED. AVIATION AGENCY CHARLES F. BRANHAM HAROLD C. FERGUSON LOUISVILLE G. + E. CO. CORRS OF ENGINEERS
п	LOUISVILLE WB AR LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS MADISONVILLE 1 SE	4954 4955 4967 5002 5067	JEFFERSON JEFFERSON BALLARD BARREN HOPKINS	7 7 6 3 3	38 I1 38 17 36 58 36 53 37 19	85 44 85 48 88 50 86 02 87 29	474 403 370 738 439	MIO 6P 5P	MID 6A 6R 7A	7A	C HJ	U.S. WEATHER BUREAU CORRS OF ENGINEERS BLAINE MALONE WILLARO E. FOSTER HOMER WELBORN, JR.
	MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELD MAYSVILLE DAM 33 MC KEE	5097 5111 5230 5243	EOMONSON CLAY GRAVES MASON JACKSON	3 4 6 7 2	37 11 37 06 36 44 38 38 37 26	86 06 83 43 88 39 83 42 84 00	800 850 364 515 1000	5P 6P 6P 7A	5P 7A 7A 7A 7A		сн	NATIONAL PARK SERVICE NORA S. WHITE MAYFIELD ELEC.+ WIR.CO. CORPS OF ENGINEERS MRS.WINNIE W. MORAN
	MC KINNEYSBURG META MIDDLESBORO MIDDLESBORO SEWAGE RL MIDWAY	5301 5370 5389 5394 5407	PENDLETON R1KE BELL BELL WOODFORO	5 1 2 2 4	38 36 37 34 36 37 36 38 38 09	84 16 82 27 83 43 83 43 84 41	662 730 1130 1130	5P	7A 8A		с с н	RICHARO T. SYDNOR CHARLES MURRAY MRS. LELA M. HERRELL CITY OF MIOOLESBORO CITY OF MIOWAY
	MILLERSBURG MILLERSTOWN MONTICELLO MOREHFAO STATF COLLEGE MOUNT STERLING	5430 5438 5524 5555 5640	BOURBON GRAYSON WAYNE ROWAN MONTGOMERY	5 3 2 5 5	38 18 37 27 36 50 38 11 38 04	84 09 86 03 84 50 83 26 83 56	789 588 960 770 930	6R 5R	7A 7A 5P		СН	DAVID C. BAILEY OVA M. LAWLER ALVIN L. BERTRAM INACTIVE 9/57 FREO CARTMILL
	MOUNT VERNON MUNFOROVILLE 1 N MURRAY OLIVE HILL 2 WMW OLNEY		ROCKCASTLE HART CALLOWAY CARTER HOPKINS	2 3 9 7	37 21 37 16 36 36 38 19 37 14	84 20 85 53 88 20 83 12 87 47	1137 636 622 895 533	5R 6R	5P 7A 6P		с н	CITY OF MT. VERNON EOWARD A. RICHAROSON MURRAY STATE COLLEGE GEORGE E. DUVAL MELVIE PARLEE NEISZ
	ONEIOA ONEONTA OAM 35 OWENSBORO 2 W OWENSBORO OAM 46 PAOUCAH FAA AIRRORT		CLAY CAMRBELL DAVIESS DAVIESS MC CRACKEN	4 7 7 7 7	37 16 38 58 37 46 37 47 37 04	83 39 84 18 87 09 87 08 86 46	750 512 420 404	6P	7A 7A 7A 6A MID		Н	MRS. ANNA L. BROWN CORRS OF ENGINEERS VIRGIL O. CLARX CORPS OF ENGINEERS FED. AVIATION AGENCY
	PAOUCAH PAOUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE PINEVILLE			7 7 1 1 2	37 06 37 06 37 49 37 29 36 45	88 37 88 36 82 48 82 31 83 42	340 325 620 686 1002	5P	5P 7A 8P 7A		с н с н	WESTERN P. LACKEY CITY OF PAOUCAH JESSE FAIRCHILO U.S. WEATHER BUREAU FOLEY PARTIN
	PRINCETON RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3 RUSSELLVILLE	6575 6679 6805	CALDWELL ESTILL MAOISON OMIO LOGAN	4 4 3 3	37 06 37 40 37 44 37 13 36 51	87 53 83 57 84 18 86 54 86 53	529 634 1122 401 590	5P 8A 6P	5P 7A 8A 7A 7A		н	ALTON M. HARVILL CORPS OF ENGINEERS THOMAS C. HERNOON CORPS OF ENGINEERS WM. 8. PORTER
	RUSSELLVILLE SUBSTA SADIEVILLE ST JOHN BETHLEHEM ACAD ST. MARY SALVISA LOCK 6	7054 7074 7091 7096 7121	LOGAN SCOTT HARDIN MARION WOODFORD	3 4 8 8	36 50 38 23 37 42 37 35 37 56	86 54 84 33 85 59 85 21 84 49	576 791 777 743 490		7A 6A		c	TVA-683 LAWRENCE ROGERS INACTIVE 8/59 JOHN B. BAUER CORPS OF ENGINEERS
	SALYERSVILLE SALYERSVILLE 2 SE SCOTTSVILLE SEBREE SHAWNEE STEAM PLANT	7129 7134 7215 7234 7311	MAGOFFIN MAGOFFIN ALLEN WEBSTER MC CRACKEN	5 5 3 3 7	37 45 37 44 36 45 37 36 37 09	83 05 83 03 86 12 87 32 88 47	859 920 770 346 345	5P	7A 5P 7A 7A		с	STANLEY GARONER FORREST C. WILLIS NOBLE ALLEN PAUL O. TOMPKINS TVA-709
	SHELBYVILLE 2 W SHEPHEROSVILLE SMITHFIELD 4 S SOMERSET SOMERSET 1 N		SHELBY BULLITT SHELBY PULASKI PULASKI	8 8 8 2	38 13 36 00 38 20 37 06 37 07	85 16 85 44 85 16 84 37 84 37	825 446 862 1050 1050	6P 6P	7A 7A		C C H	MRS. WILLIE S. RATTA OVID K. MAGRUDER F. N. SIMPSON CORPS OF ENGINEERS RADIO STA WSFC
	SPRINGFIELO STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TATHAM SPRINGS	7604 7677 780D 7805 7924	WASHINGTON MC CREARY METCALFE METCALFE WASHINGTON	3 3 8	37 41 36 43 36 53 36 53 37 52	85 14 84 29 85 43 85 40 85 09	738 1420 864 - 692	6P	7A 7A 6P 7A		с н	MM. H. GOATLEY MRS GLADYS M. GRIFFITH CHAS. H. MC MURTREY TVA-684 R. C. OEOMAN
	TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAM 49	7948 8060 8144	SPENCER MONROE TRIGG ANDERSON UNION	8 3 9 4 7	38 02 36 42 36 45 38 02 37 46	85 21 85 41 86 05 84 51 87 57	483 920 390 524 358		7A 7A 7A 6A		c	MRS. KATHRYN B. CARR STANLEY HURD TVA-680 CORPS OF ENGINEERS CORPS OF ENGINEERS
	VALLEY VIEW LOCK 9 VANBUREN VANCEBURG OAM 32 WARSAW MARKLAND OAM WAYNESBURG 7 NE		JESSAMINE ANDERSON LEWIS GALLATIN LINCOLN	4 8 7 7 7 2	37 51 37 58 38 39 38 46 37 25	84 26 85 10 83 21 84 58 84 36	571 558 525 466 1215	6P 7A	7A 7A 7A 7A 7A			CORPS OF ENGINEERS FDWARD R. STEVENS CORPS OF ENGINEERS CORPS OF ENGINEERS MRS. RITA RIDDER
	HECT LIBERTY	0551	MORGAN WHITLEY GRANT LEE RUSSELL	5 2 4 4 2	37 55 36 44 38 38 37 36 36 52	83 15 84 10 84 38 83 50 85 09	852 1010 914 649 585	8A 8A 7A	8A 8A 7A 6A 8A	A8	н	MRS. ELIZABETH BROWN ESTIL M. MEADOWS HENRY NORTHCUTT CORPS OF ENGINEERS CORPS OF ENGINEERS
			BUTLER	3	37 11	86 38	504		7A		c	CORPS OF ENGINEERS

^{† 1-81}G SANOY: 2-CUMBERLAND: 3-GREEN: 4-KENTUCKY: 5-LICKING: 6-MISSISSIPPI: 7-OHIO: 8-SALT: 9-TENNESSEE

See Page 94 for Reference Notes

551.05 UNKE

U. S. DEPARTMENT OF COMMERCE FREDERICK H. MUELLER, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

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DOCUMENTS DIVISION
UNIVERSITY C. ILLINOIS LIERARY
URDANA, ILL. 15-CD-F

SEPTEMBER 1959
Volume LIV No. 9



THE DESIGNATION OF MAIN

KENTUCKY - SEPTEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 30+ at 7 stations

Lowest Temperature: 28° on the 19th at Inez

Greatest Total Precipitation: 6.27 inches at Shawnee Steam Plant

Least Total Precipitation: 0.10 inch at High Bridge Lock 7

Greatest One-Day Precipitation: 2.55 inches on the 1st at Glasgow

SPECIAL WEATHER SUMMARY

Moisture deficiencies of previous months were generally erased by rather well distributed and adequate amounts of rainfall over most sections from May through July. August rainfall favored western counties, with substantial amounts averaging 2.50 inches above normal in the Western Di-vision. Near normal August precipitation was recorded in Central and Bluegrass Divisions, with the Eastern Division having an average rainfall deficiency of almost an inch during the month. Rainfall during September again favored western counties with 3 to 6 inch monthly totals over the western half of that division. Totals were progressively lighter from the Mississippi River on the west to the eastern Bluegrass, with an increase in amounts from there to the eastern border of Kentucky. With isolated exceptions, all stations in the Central and Bluegrass Divisions, and all but the extreme southeastern portion of the Eastern Division recorded well below normal rainfall during September with least precipitation generally in the central and southern Bluegrass, eastern counties of the Central Division, and western portions of the mountainous east. Average September rainfall for the Central Division of 1.53 was only 50% of normal expectancy, with the Bluegrass Division total of 0.89 inch being 2.03 inches below normal. Eastern Division average rainfall of 2.04 inches was 0.60 inch below normal September precipitation. Eleven rainfall stations mostly in the Bluegrass Division, recorded monthly totals under 1/4 inch, with most of this falling during the last 3 days of the month. Monthly total of 0.24 inch

at Lexington was the least September rainfall total of record at that location, and the second driest month in records for all months of the year. Total of 0.48 inch at Louisville made it the fourth driest September at that location in records beginning in 1872.

Topsoil moisture from August rains was sufficient in most sections to permit near normal farming operations during the first half of September, with dry weather favoring the harvest of alfalfa and lespedeza hay of unusually high quality. Pasture condition was declining rapidly in central and eastern counties by the third week of September and seeding of fall grains and cover crops was virtually suspended in the same area. By the end of the fourth week of the month, stock water was reported as short in most of the northern Bluegrass and northeastern counties with over 90% of reporters in the crop-weather network reporting shortages of soil moisture. The dry weather hastened maturity of all crops, with corn picking and soybean combining well underway by the close of the month. Cutting and housing of the Kentucky tobacco crop was virtually finished by the end of September. Early cut tobacco suffered varying amounts of houseburn during a period of high humidity early in September, with very favorable curing conditions over most of Kentucky during the last half of the month.

> O. K. Anderson, State Climatologist U. S. Weather Bureau Louisville, Kentucky

CLIMATOLOGICAL DATA

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WESTERN	1	1			П							П									B
BEAVER DAM BENTON 2 FORDS FERRY DAM 50 GOLDEN POND 8 N GREENVILLE 2 W	87+ 83+2M 82+8 84+1 84+1	.9 58.1M 62.1 57.9 60.1	71.4 11.0M 72.6 71.	1.1	93	7 8 8 8	47 19 49 17 49 17 47 17 47 17	7 + 7 7	10	4 6 0			2.68 5.28 5.78 4.81 1.27	2.60	1.39 1.31 2.15 2.00 1.26	10 2 1	.0	0 0 0		7 6 7 7	2 / 4 3 6 . 2 / 3 1
HENDERSON 7 SSW HICKMAN 1 E AM HOPKINSVILLE AM LOVELACEVILLE MADISONVILLE 1 SE	81.0 84.9 81.2 82.5	59.9 59.9 59.7 60.7 59.4	71.5 73.5 72.3 71.7 71.0	1.1	92	9+ 8 8 7	46 17 49 17 47 17 49 7 47 17	7	2 1 8 6 15	5		0.00	1.75 3.91 76 5.69	1 - 4 ⁴ 1 37 2 - 56	1.76 1.08 2.10 1.00	26 2 9 3	• 0 • 0 • 0	0 0 0		6 5 8	3 4 2 1
MAYFIFLO MURRAY OWENSBORO 2 W PADUCAH FAA AIRPORT PADUCAH	84.4 84.1 81.9 82.5 85.1	60.9 60.9 61.1 61.3 61.0	72.7 72.6 72.5 71.9 73.2	1 = .1	91 93 92 94	3+ 9+ 5 8	49 1 49 1 50 1 51 11	7 7 7	5 6 2	6 5 3		0 0 0 0 0 0 0 0 0 0	4.93 3.12 2.04 5.24 4.61	18 - 1.17	1 • 27 • 80 • 92 1 • 49 1 • 98	29 26 2 26 9	•0	0 0 0		6 6 5 5 5	3 2 4 3
PRINCETON RUSSELLVILLE	84.0	59.9 59.7	72.0 71.9	* Q 1 * 4*	93 91	8+	49 1		6			0 0	2.66	42	1.36	26	• 0	0		5	2
DIVISION	0		72.0	1+1							1		3.78	•56			.0				
CENTRAL AMCHORAGE BARDSTOWN S J PREP SCH BONNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE	82.7 84.9 83.7 83.7 84.9	58.3 58.8 58.2 60.4 59.6	70.5 71.9 71.0 72.1 72.3	2+1	92 92 91 91 92	7+ 7 7 7+	43 1 41 1 42 1 48 1 46 1	9 7	22 12 16 7 11	3 7 3 4 8	0 0	0 0 0	1.93	98	.35 .27 1.28 1.46	1 1 9	•0	0 0 0		2 3 3 3	0 0 1 1 0
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG AM IRVINGTON	87.4 83.8 82.4 85.4M 84.3	58.3 59.0 58.7 57.8M 60.1	72.9 71.4 70.6 71.6M 72.2	1.9	95 90 90 92 93	7 7+ 7 29+	40 1 44 1 46 1 43 1 44 1	9 9	12 14 18 14 16	1 4 3 1 7 4	0 0	0 0 0	3.25		.78 .19 2.29 .21 1.56	2 1 1 1 1 1	• 0 • 0 • 0 • 0	0 0 0 0		4 3 5 2 3	0 1 0 1
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP R MAMMOTH CAYE PARK SCOTTSVILLE	83.0 85.8 85.6 84.4 84.5	61.0 62.1 61.7 53.6 60.0	72.0 74.0 73.7 69.0 72.3	1 • 7 3 • 5	90 95 95 91 91	8 7 28	47 1 47 1 47 1 39 1 49 1	7 7 9	13 10 11 32 5	11 2 5	0 0 0	0 0 0	.44 .48 1.87	- 2.22	.66 .18 .15 1.23 1.01	1 1 1 1	.0	0 0 0 0		3 3 4 4	3 0 0 1 1
SUMMER SHADE WOLF CREEK DAM AM	82.8 84.5	59.8 55.7	71.3		90 91		47 1 44 2		10	5		0 0	1.66		1.16	10	.0	0		6	3 2
DIVISION			71.7	1.6							Ш		1.53	- 1.53			• 0				
BLUE GRASS	85.7	58.2	72.0	2 • 2	91	29+	41 1	9	1.8	9	0 ,	0 0	.18	- 2.58	.17	2	.0	0		1	0
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT R CYNTHIANA 2 AM DANVILLE AM	83.1 82.4 85.7 85.2	58.6 59.5 55.8 58.2	70.9 71.0 70.8 71.7	3.7	91 93 94 95	9+ 7 29+	41 1 43 1 42 1 42 1	9 7 3	27 37 30	4 9 12 10	0 0 0	0 0	0 .41 1.88 .21 1.92	- 2.48 - 1.09 - 1.08	.20 1.24 .07 1.53	27	•0	0 0 0		0 3	0 1 0 1
DIX DAM FALMOUTH FLEMINGSBURG 2 FRANKFORT LOCK 4 LEXINGTON WB AIRPORT R	84.7 84.9 83.4 84.7 82.7	60.5 55.7 57.3 56.9 60.3	72.6 70.3 70.4 70.8 71.5	1.0		29+ 28+ 28 9+ 8+	45 1 38 1 41 1 41 1 44 1	9 7 9	14 35 31 28 24	4 11 9 9 2	0 0	00000	1.40	- 1.34 - 2.36 - 2.59	.28 1.26 .40 .34 .13	2 2 2 2	•0	0 0 0		2 1 5 1	0 1 0 0
MAYSVILLE DAM 33 AM MOUNT STERLING RICHMOND AM SHELBYVILLE 2 W WARSAW MARKLAND DAM AM	83.2 83.9 82.8 83.0 85.5	54.6 57.3 58.8 59.4 60.4	68.9 70.6 70.8 71.2 73.0	2.0	90 90 91	29 29+ 30+ 28 8+	42 1	9	51 25 29 23 14	3 2 2 3 12	0 0 0	0 0	1.85	- 1.12	1.22 1.39 .19 .45	30 1 2 2 27	•0	0 0 0	1	3 1 2 3	000
WILLIAMSTOWN 5 WSW AM	84.1	56.8	70.5	• 7	93	29+	40]	+81	43	9	0	0	1		• 30	2	.0	0		1	0
DIVISION EASTERN			71 - 1	1.6									• 89	- 2.03	ł		•0		1		
ASHLAND DAM 29 BARBOURVILLE BAXTER AM BENHAM AM BLAINE	84.9 84.6 93.2 84.4 85.3	59.3 55.9 57.1 55.4M	72.1 70.3 70.2 69.9M 68.7	2 • 2	91		42 1 42 1 42 1 39 1 32 1	19	24 14 14 15 33	11 7 2 6 11	0 0 0	0	1.45 1.28 0 2.55 0 5.14 0 4.66		.78 .70 .85 2.33 2.03		•0	0 0 0		2 3 5 5 3	3 2
DEWEY DAM AM FARMERS GRAYSON 1 SE AM HEIDELBERG LOCK 14 R THINDMAN SETTLEMENT SCH AM	85.2 84.9 84.9 83.8	55.5 55.1M 54.0 56.1	70.4 70.0M 69.5 70.0	2.0	91 95	10 28+ 8 28	38 38 36 36 38	19	27 30 50 24	6	00000	0 0 0	2 · 3 · 3 · 3 · 3 · 5 · 5 · 3 · 2 · 6	82	.93 1.04 1.32 .35 1.50	30	•0	0 0 0		3 4 3 2 5	1 2
INEZ LONDON FAA AIRPORT MANCHESTER 4 SE MIDDLESBORO MONTICELLO	85.3 82.2 84.6 84.2 84.3	49.1 57.6 57.2 56.4 59.1	67.2 69.9 70.9 70.3 71.7		90 92 90		42	19 19 19	53 21 16 4 6	12 1 6 3 3	0 0	0 0 0	0 2.66	3 5 7	1.87 .53 .86 .45	11	•0	0 0 0		1 4 5 6 4	3

CONTINUED

					Ten	pera	lure											Precip	noitation					
												No of	Days	s					Sn	ow, Sleet		N	0 01 [Days
Station		Average	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	5 0	32° or xe	32° or Below W	2 3	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MOUNT VERNON PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY	АМ	83.1 85.7 82.7 83.1 84.4	57.9 59.5 57.5 56.7 53.6	70.5 72.6 70.1 69.9 69.0		91 95 88 92 93	29+ 28	41 43 44 40 35	15 18	22 4 16 41 43	2 12 0 6 10	0 0 0 0	00000	0 0	.26 1.89 1.00 .71 3.33	96	.26 1.56 .79 .37 2.09	2 30 1 1	• 0 • 0 • 0	0 0 0 0		1 2 2 3 3	0 1 1 0 2	1 0 0
WILLIAMSBURG 2 DIVISION	АМ	85.6	57.7	71.7	1.6	93	6	45	19	3	9	0	0	0	1.90	64	1.29	11	•0	0		3	1	1

TOATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	erages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p CST	6:00 p	Trace	.01–.09	.10-49	.50- <u>.99</u>	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sur
COVINGTON WB AIRPORT	SSW	18	8.7	30	SSW	27	73	85	47	53	4	0	3	0	1	0	8	-	5.7
LEXINGTON W8 AIRPORT	S	16	9.3	-	-	~	79	87	49	58	3	2	1	0	0	0	6	-	4.9
LOUISVILLE W8 AIRPORT	S	15	9.3	29	SE	26	79	85	49	56	1	2	3	0	0	0	6	74	4.9

DAILY PRECIPITATION

a pac play a pace play

Station	Tota	1	2	3	4	5	1	5	7	8	9	10	11	177		4 montl 4 15		17	18	19 5	20 21	22	23	24 2	25 2	6 27	2	B 2	0 3	10
PHUS 1 N	. 65	. 4	1.01	. 3							. 16	. I.															U 4	٠	1.8	
ANY 6 N EN HORAGE	1+50	. 14			n						-26	. 10	, 37														14"		04	.17
NI ILAND DAM P	1.02	.1.	.0		1						(1)	.18	.70														14	•		.01 .61
RD TOWN - PR P III RD TOWN - PR P III AII R	1.00	+ L*	!					.10		.85	.04	.04	. 15														0.4			. 10
AVER DAM NHAM	5.15	. 29	.0	3							+07	. 17	1.72													.04	1	17 1		. 11
NICH RIA DLIE: RIA MATER WORK	18		-1					. 4				01																		.01
AINE NNIEVIL E	1.01	.0	4 . 2						. 55		.08	.01	.03		*(7.)											Ť	07		.08	
WLING GREEN SUBSTA WEING GREEN FAA AP	7.4	1.0	. 10) . h	8						.14	.05	.04											-11		.01 1	01		T	.05
ENT DAM 36 DWN-VILLE LOCK 6	1.53	4 1/2	5 +5	5 7 .d 7 .d 9 .0	7			.68			.03	.03	T 2+10											- 1		4	08.	. 01	T I	.12
ROINE 2 NE RKESVILLE DIZ LOCK E	2,24	1	3 + 3	0 1.5	2 1			.18	£0.	ť	1	.33												1			12		.60	.09
LUHOUN LOCK 2	1.42	1 +3 1 +5	2 .1	1 .0 8 .0 9 .0				.10			. 46 . 62	.39														1			.07	•
ANEYVILLE ARROLLTON LOCK 1 LAY CITY 1 WNW	1+24		. O	8 .0	13							. 77															.20		7	.12
LERMONT 1 SSE 088 OLLEGE HILL LOVE 11	1.28	. 1	+ 2			•	2.41	.04	. 45			.11 .28 .09	1														46	T	. 21	.06
DULEGE HILL LOCK II DVINGTON WB AIRPORT R MBERCAND FALLS ST PK	1.85	1.2	6 01) 1° IN	К							.16					1	T									35			.01
YNTHIANA YNTHIANA 2 NANVILLE	1 .16	60	3 + C 4 + C + 1	7								+02 +05 +20															.02	.03	1	00:
ELPHIA 1 F	2.98	В	-0					1		.43		•51	.97														ľ			.93
DIX OAM DUNDEE BARRETTS FORD BR	4 - 36 3 - 4	5 1.7	5 .2	8	10			.65			1.88	. 28															.10 .22	.12	.20 .15 .53	
OOYVILLE LOCK F	3.10	5 1.4	. (15 4	6 6			.40	+30	.10		.15													1	7			.30	•1
LIZABETHTOWN LKHORN CITY LKTON 2 S	3 - 1	0 .1	9 .1			17 1	. 35			. 20	-07 T	.20	. 25 T														1 .08		T	. 9
ALMOUTH ARMERS	2+2	0 .0	2 1 .:	26	3.2							1.04	.07														.00			.4
FLEMINGSBURG FLEMINGSBURG 2 FORD LOCK 10	1.8	3 + 3	1	0								.22 .37	T	3												.56	.51	T .08	.13	.0
FOROS FERRY DAM 50	5.7	8		34	96				.01			2.15 T	.03	?												.,,	T		T	
FRANKLIM 1 E FREEBURM 2 SW FRENCHBURG	2 · 1 2 · 3 1 · 0	1 2.0		11 T 25 08 •	0.2		.14		. 73			.47	.20														.07	т	. 02	.9
SAMALIEL GEORGETOWN WATER WORKS	3.9	0 .	15 .	88 .	12			.04		.15	- 35	1.78	. 31														T		.17	
GEST LOCK 3 GLASGOW GLASGOW WKAY	1+3	0 2.5	1.55 1.	09 30 10 •	04		. 45	.35		т	.07	-05															.02		.12	.0
GLENDALE 1 E GOLDEN POND 8 N	1.6	5 1.	17 .	15 .	02			.03			. 25		3													1.45	.30	•13	.32	
GRANT OAM 38 GRAYSON 1 SE GREENSBURG	1 ± 3 2 ± 7	13		77 01 16 •	.04							• 16 • 23 • 04	3 1 - 1	7													T			1+3
GREENSBURG HIWAY 61 BR GREENUP DAM 30	1.9	2 .	17 .	67	04							•05	. 5	0												.13	T		.10	. 7
GREENVILLE 2 W HARTFORD 6 NW HAZARD WATER WORKS	. 9	7 1.	26 • 40 • 78 •		10					.05	. 88		8 . 8														T	•02		1.0
HETOELBERG LOCK 14 R HENDERSON 7 SSW	1.7	55	43	15							. 03			5										Т			.13	.26		. 0
HICKMAN 1 E HICKSVILLE HIGH BRIOGE LOCK 7	3.9 4.6	53		03 .	72							.91	1													.62		. 26 T	.90	1.5
HINDMAN SETTLEMENT SCH HOPKINSVILLE	3.2	26 . 76	50 . 1•	08	.01				.45		. 84	. 70	4													.01	.10		.21	
HYOEN INEZ IRVINGTON	1.9	80 . 91 T		28 31					.12	. 39		.01	9													т			Т	1.6
JACKSON JEREMIAH	2 + 0	57		02					.10	.21		1.0	9 .3	Z													Т			. 6
KEENE 1 NNE KENTUCKY OAM LA GRANGE 1 SW	3.	27		24 40 05	12							.9	• 1	0											•07	+61	.12	-14	, 73 T	.(
LANCASTER LEITCHFIELO	1.	17 99 •	66	62							• 0		6 T														T •02		+05 T	Т
LEXINGTON WE AIRPORT LIBERTY LITTLE HICKMAN LOCK 8	2.1	85 e	05	13 25 35								1 .3	5														τ		.15	
LOCKPORT LOCK 2 LONDON FAA AIRPORT	1:	23 .	25	53								. 2		16	1											Т			.03	
	R .	48 .	04								T . O		1	, ,	1									-12		т	.10 .06			
LOUISVILLE UPPER GAGE LOVELACEVILLE	5.	54 69	17 1								2 - 1				1											.48	.11	T .05	.92 .27	
MADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE	2 .	66	10 23 77	14 1 23 18	. 11					Y	• 0	6 .6	6	36												1.09	.27	•27		٠
MAYFIELO MAYSVILLE OAM 33	1.	93		.23	.77							1.2	5 .1														.02			1.
MCKEE MIOOLESBORO MIOWAY	1.	77		.30					T	+13		* 2 T	1 .1	+5																
MILLERSTOWN MONTICELLO	1 -	17	43	.38	.17						• 0	.1	6 .0) 3												Т				:
MOUNT STERLING MOUNT VERNON MUNFORDVILLE 1 N	1.	85 1 26 83	.9.	.26	.08						• 2	0 .0	- 7											Т		.80	.08	. 35	•79	T T
MURRAY OLNEY	3 · 2 ·	12	. 1	•28 •05	.09			a ()			. 3	0 + 1			Notes F					1						1.18	. 26	Т	.02	

DAILY PRECIPITATION

KENTUCKY SEPTEMBER 1959

	7															Dos	of r	nonth																
Stotion	Total	1	2	7	3	4	5	6	7	8	9	10	11	15	2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEIDA ONEONTA DAM 35 OWEMSBORD 2 W OWEMSBORD DAM 46 PADUCAH FAA AIRPORT	1.98 .65 2.04 1.88 5.24	.02		17						Ŧ	1.0	1.03 .16 .12 .12		38		1										-		.06	.50 .12 1.49	.08 .28 .60	T	.18 .04 1.13	.31 .04 .02	
PADUCAH PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON	4 • 61 • 97 1 • 89 2 • 57 2 • 66		• C	2			.03		•61	.15	1.9	.25	:	52															1.32			.88	•75 1•56 •40	
RAYENNA LOCK 12 RICHMOND ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA	2.72	1.16	. 0	5 1	24					T T	• 3. • 5	•20) B																T •D2		.07 .55	•12 •04 T	
SALVISA LOCK 6 SALVERSVILLE 2 SE SCOTTSVILLE 2 SW SEBREE	19 1.17 1.87 - 1.98	1.01	- 4	9 5		-		-	т –	• 0 4	<u>.</u> 1:		+ f	57 -		-	-		-	_	-								•55	Т		т	T • 45	
SHAWNEE STEAM PLANT SHELBYVILLE 2 W SHEPHERDSVILLE SHEPHERDSVILLE SPEINGFIELD	6.27 .77 .78 1.00 1.29	•11 •79	. 4	9							.0		(01															1.30	.82 .05		1.00		
STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TAYLORSVILLE TURKEY CREEK SCHOOL	2.66 3.29 3.02 1.07 4.63	.83 .73	I • 1 • 3	6 3 0	.54		Т	Ť	•02	*10	•1: •0		• 1																.81	.12 .17 .04		•97 T T	T 1.11	
TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9 VANBUREN VANGUREN DAM 32	.33	.02	.1 RD M	4 2 1551	NG							.04 1.43 .01																.02	•55	•90 T	T T T	.34	.01 .20	
WARSAW MARKLANO DAM WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW	.68 .13 3.33 1.90		• C	9	.03			.03 .D2	۰08				-1 -1-2 T	4 9							т									.23 T	.19		.77 .24	
WILLOW LOCK 13 WOLF CREEK OAM WOODBURY LOCK 4	.49 1.66 4.83	.26 2.48		1 .							• 0		0																			.10	•27	

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Lowisville 13, Kentucky, or to any Weather Bureau Office near you.

Pigures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table and Min in "Evaporation" and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. Durying the summer months some observers take the observations on daylight saving time,

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin. G "Soil Temperature" Table.

 "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

 J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.
 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.

 Associated the station of the Station Index.

 Amount included in following measurement, time distribution unknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshield.

 As This entry in time of observation column in Station Index means after rain.

 A bata based on observational day ending before noon.

 The state of this individual of the state of the

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Cilmatological Data for the respective stations, obtained as indicated above, price IS cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

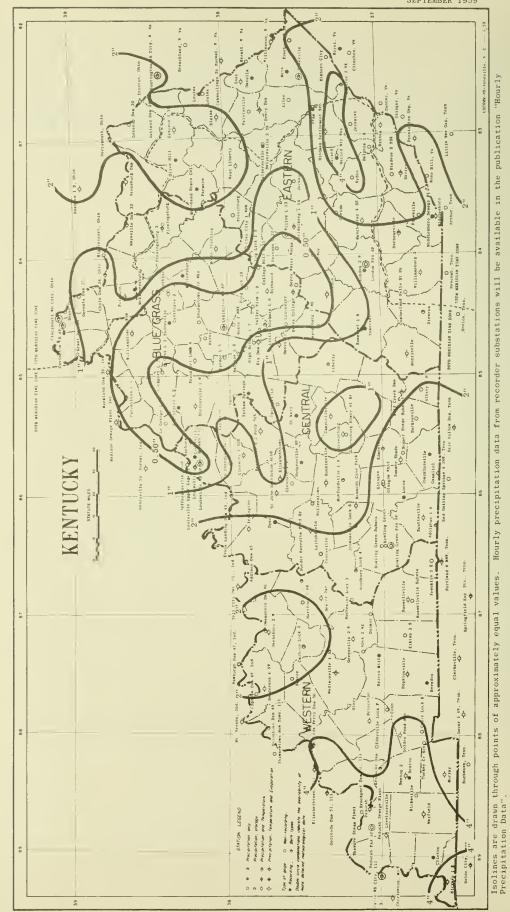
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															[Эау (Of Mo	nth															577
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	14	15	10	17	18	19	20	21	22	23	24	25	26	27	20	20	10	31	F +C
ANCHORAGE	MAX	s 3 70	69	60	86 57	90 64	M 6	90	67	88 67				80 52	81 54	81		6.8 4.*	49	7 % 4-1	82 55		88 59	8 7 5 6	8.7 5.6	58	PL** 6c 5	6.7	97	B.% 6.3	7.8 4.0		B/ + /
ASHLAND DAM 29	HAX MIN	70	86	67	91	90 64	93	6.8	1 V 6 d	94	85 65	70 54	15	18	19 53	5.5	15	8x 7 4x 4x	72 46	42	H4 4-1		69	18 9 14 64	90	91 50	67	7.1	111	49	1 B		59.3
BARBOURVILLE	MAX MIN	91	90 67	85 62	88	89	90	65	9D 64	90 64	89	74 56	15 49	80 50	19 50	79 49	82 50	11 U 5 4	74 48	48	81 52	50	86 45	47	89 52	8.8 5.2	8.8 5.1	67	91 99	90 59	6.4		34 + 4
BARDSTOWN S J PREP SCH	MAX	88	B 7 70	86	90 59	92	92	92	91 69	83 73	76 69	15	19	8 d 4 9	84	84 49	80 51	74	52	82 43	83 51	54	8 B	8.6 9.6	89 59	89 56	48	90 69	71	88 65	78 62		58.8
BAXTER	MAX MIN	90	88	86	87 65	86	89	88	81	84	90	17 59	75	/8 54	80 53	79	77 51	8.5	787	/% 42	7 8 4 4	80 53	50	84 50	85 53	84 54	8 7 55	84 56	85 58	89 59	87 40		83 + Z 57 + 1
BEAVER DAM	HAX MIN	86	86 68	84	87	89	88	90	89	85 68	74 64	13 50	76 51	80 53	M1 52	81 51	78 52	73	74 50	80 47	82 58	84 57	87 60	87 58	88 60	86 59	6.8	87 71	89 70	84 64	76 60		87.7 59.9
ВЕННАМ	MAX MIN	90	88 65	85 62	88	90	90	92 63	90	88 67	86 62	75 59	73 48	73 47	78 48	79 50				39		82	81 47	8.3 4.8	84 50	85 49	57	86 53	87	91 53	84 61		34 · 4 55 · 4
BENTON 2	MAX	85	87	84	88 63	84 62	89	61	92 66	89	65	73 51	53	77 50	49	51	49	49	74 51		81 50	86 57	88 57	89 57	8.7 5.7		15 55	67	87 66	83 65	/7 54		83.9 56.1
BEREA COLLEGE	MAX	90	90	87 65	89	91 63	90	89	90 66	90	89 67	75 48	75 46	82 47	81	84 50	79 49	76 45	75 49	82 41	94 57	85 52	89 59	89 57	89 58	90 57	85 65	70 68	89 66	91 65	85 64		85 • / 58 • 2
8LA1NE	MAX	94	91 66	89	91	90 58	91 58	89	92 61	93 59	77 60	74 45	78 41	81	82 44	83 46	80 47	74 46	73 47	80 32	82 45	83 47	89 44	87 45	90 51	90 47	89 50	90 56	93 58	89 55	74 63		85.3 52.0
80AN1EVILLE	MAX	86	8 7 70	85	89	90	89	91 65	88 67	84	74 65	73 52	74 50	80 48	82 50	84		75 47	74 50	82 42	82 57	84 55	87 57	88 53	88 56	86 54	86 61	88 71	90 70	86 60	80 61		83.7 58.2
BOWLING GREEN FAA AP	MAX	89	89	85 65	89	88 67	89	91	90 70	80 69	73 58	73 54	73 51	80 54	79 56	81 50		75 48	75 54	84 50	82 59	84 55	86 57	86 56	90 60	89 57		89 73	90 68	86 67	78 61		83.7 60.4
CAMPBELLSVILLE	MAX	88	87	86	90	92 66	91	92 66	91	85 68	73 68	75 50	76 49	18	83 52	84 50		76 46	76 49	81	83 58	85 56	87 58	88 56	89 58	89 57	85 66	90 70	90 68	90 66	84 63		84 • 9 59 • 6
CARROLLTON LDCK I	MAX	86	82 70	82 61	86	89 59	88	90	91 68	91	78 68	71 50	76 51	79 52	80 49	82		66 44	70 48	77 41	83 51	85 57	88 61	88 59	89 56	89 58	86 62	87 66	90 71	89 66	75 64		83.1 58.6
CLERMONT I SSE	MAX MIN	92		90	93	94	94	95 66	94	90 68	78 67	78 50	79 50	83 48	87 49	87 49		77	76 44	85 40	85 55	86 58	90 61	90 57	92 58	92 57		91 69	93 72	89 63	82 60		87.4 58.3
COVINGTON WB AIRPORT	MAX	82	81	83	91	91	91	93	92 70	92 70	75 57	73 50	75 51	79 53	81 51	82		63 43	69	76 48	85 59	84 59	88 62	89 62	90 62	91 62		87 64	90 69	81 68	72 62		82 • 4 59 • 5
CYNTHIANA 2	MAX	89	89	83	86	90	93	91	93	94	92 68	76 50	72 49	80	81 45	83		77	68 48	72 46	81 50	85 46	86 48	89 52	90 52	90		89 66	91 66	94 62	90 63		85 • 7 55 • 8
DANVILLE	MAX	89	88	86	86	87	92	88	90	91	90	73 50	74 50	75 50	81 52	83		75 45	75 45	75 42	83	83 58	84	87 58	90 59	91 58		87 65	90 65	93 65	95 64		85 · 2 58 · 2
DEWEY DAM	MAX	89	91	86	91	90	91 62	90	89	91	94	76 51	73	77	79 48	81		76 52	70 48	72 38	82 48	88 55	84	86 52	88 53	89 53		90 55		92 57	90 58		85 • 2 55 • 5
DIX DAM	MAX	88	85	84	88	89		91	89	90	85 68	72 51	75 50	80	80 52	83 52	83	75 46	72 52	81	83	84 56	88	88 59	89 59	89		89 71		91 67	85		84 • 7 60 • 5
ELIZABETHTOWN	MAX MAX	71 89 68	86	84	88	90	90	90	89	85	80	74 51	76 52	79	82		80	74	73 49		82 53	83 51	87 52	87 53	88	86		88		88 65			83 • 8 59 • 0
FALMOUTH	MAX		84	83	89	91	91	94		93	81	74	78 45	80	83	85		69	72			86 49	90 53	90 52	91 52	91 56		90		87			84.9 55.7
FARMERS	MAX MIN	8.8	3 87	86		89	91	91	91	91	90	72	75	79			81	73 44	72 50				88	88	89 51	89 53		89 63		89			84 • 9 55 • 1
FLEMINGS8URG 2	MAX	. 85	82	83	87	88	90	91	90	92	76 63	70		79	79	82					85	85 53	90	88	87 56	90							83.4 57.3
FORDS FERRY DAM 50	MAX	84	85	84	8.8	91	92	92	93	89	71	72 53	75	79	80	82	2 73	72				86 61	89 67	89 65	88	86							82 • 8 62 • 1
FRANKFORT LOCK 4	MAN	91	1 87	7 84	85	90	90	89	91	91	90	76 51	74	78	82	81	1 85	78					84	88	89 55				7 90				84 • 7 56 • 9
GLASGDW WKAY	MIM CAM	8	5 86								7.6	7.0	72	70		70	9 81	72	73	80	80	82	86	85 53	88 58	85	5 85	81	88	88	78	3	82 • 4 58 • 7
GOLDEN POND 8 N	MAZ	8										70	2.	7.0		0.	2 82	7.6	7.5		9.4	86	89	8.8	89	8.6	6 81	8	7 87	85	7.6	3	84 • 1 57 • 9
GRAYSON 1 SE	MA:	8												7.0	. 70		0 85	74	4.0	7/	77	84	85	80	8.8	. ac	9 91	91	3 89	93	9)	l.	84.9 54.0
GREENSBURG	MA:	(8														_	4 85			7.0	. 0.3	97	9.6	0.0	9.0	0/	0.86	. 8	6 89	9:	,		85 · 4 57 · 8
GREENVILLE 2 W	MA:																1 77	7.2	7:2	0.	0.1	R /s	9.5	86	8.6	. A	4 81	. 8	6 88	8.	7.8	B B	82 • 3 60 • 1
HEIDELBERG LOCK 14	MA.	х 8	9 8	7 8								7.7		7.0			1 78	76	. 72	71	8 80	83	85	85	86	1 8	7 86	8	7 91	. 90	8:	5	83.8 56.1
HENDERSON 7 SSW	MA.	x 8	4 8	6 8	5 8	9 9	90	9									4 74		7.			0.5	9.7	0.0	87	8	5 7	, A	6 87	7.1	7.1	В	83.0 59.9
HICKMAN I E	MA		0 6														6 85					0.0	9.0	- 00	01	0	1 8	7	9 90	91	3 83	2	87.0 59.9
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HOPKINSVILLE	MI		0 8	9 9	0 8	5 91	0 90	8 (8 9.	2 91	91	71	74	7.	8 80) 8	3 8:	3 84	7 5	8 7	6 89	5 83	86	88	8 8 9	9 8	9 8	4 8	2 8 7 6	8 8	8 8	4	84.9
1NE2	МА																79 7	5 70	7	2 7	7 8	2 85	a a c	89	90	9	12 9	0 8	9 94	. 9	2 8	0	85.3 49.1
IRVINGTON	MI	N 6	0 6	2 5	9 5	5 5	7 5	7 5	5 5	6 56	5 55	9 4:	/ 31	, 4	1 4.		33 7	7 71	. 7	2 0	2 0	6 04	. 00	9 80	9 8	D A	19 A	3 8	9 9	1 8	7 8	1	84.3
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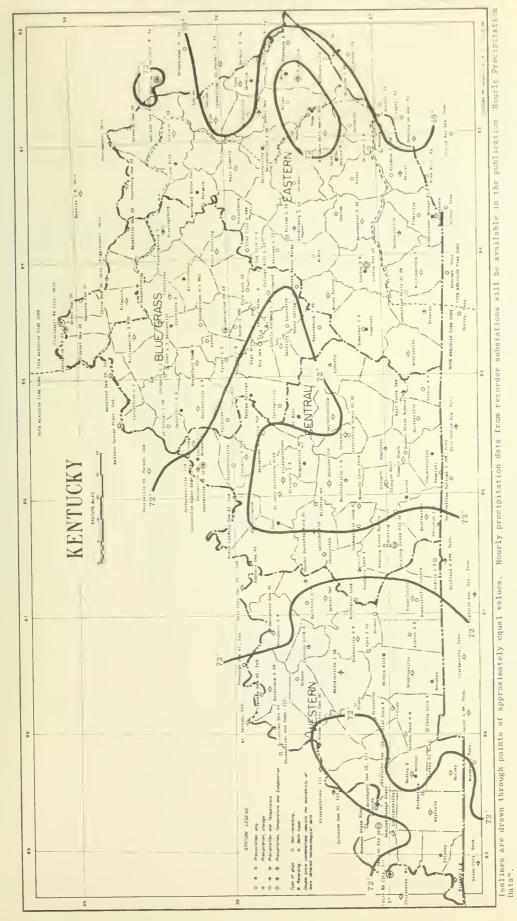
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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Avera
LEITCHF1EL0	MAX MIN	85 70	86 70	85 65	89 61	89 67	88 67	90 69	8 8 7 1	83	73 65	74 50	77 51	79 53	81 54	81 55	77 55	73 47	73 50	79 48	81 55	85 58	87 60	88 58	89	85 62	83 69	88 72	90 70	86 66	78 62	83.0
LEXINGTON W8 AIRPORT	MAX MIN	87 70	84 70	84	85 61	8 8 6 6	88 68	90 70	90 69	89	76 55	71 50	75 48	79 50	80 53	83 55	78 49	68	70 50	78 48	81 62	83 59	88 61	86 61	88 63	88 63	86 66	89 68	89 68	86 68	75 61	82.7
LONDON FAA AIRPORT	MAX	89	85 68	83	86 63	89	87	85 65	88	90	76 63	71 54	71 51	76 53	78 53	78 48	84	71 49	72	79 43	80	82	84	86 5.2	86 54	87	85 61	85 67	89	86 61	78 64	82.2
LOUISVILLE	MAX M1N	90	88 69	87 66	90 62	94 67	92	94	95 72	93 71	80	76 51	79 52	83	85 56	85 55	82 55	69	74 52	83	85 58	86 59	89 63	90	89	90	86 61	90	90 72	82	78 64	85.8
LOUISVILLE WB AP	MAX MIN	89 71	88 70	88	91 63	94 67	93	95 70	94 72	93	77 58	75 52	78 53	81 54	84 56	86 53	75 50	70 47	73 52	81	85 60	86 61	90	90 61	89 62	90	87 67	91 69	93 73	84	78 64	85 • 6 61 • 7
LOVELACEVILLE	MAX M1N	82 70	76 65	86 59	88	90 64	91 66	92 66	93 68	90 69	73 64	73 51	76 54	79 54	80 52	80	78 54	77 49	75 53	84	83 63	86 61	88	89 59	88	85 61	78 66	87 69	88	81	79 55	83 • 2
MAOISONVILLE 1 SE	MAX	85	87 67	84 59	86 60	90 63	89 65	91 66	90 69	87 66	72 62	73 48	75 50	78 52	80 52	81 52	78 52	73 47	73 49	81	8 <i>2</i> 59	84 59	86 62	87 60	87	84	80 66	85 70	86 69	84	78 56	82.5
MAMMOTH CAVE PARK	MAX	84	86 69	84 59	86 52	87 54	89 58	90	87 62	85 61	80 62	75 45	75 42	81	83 45	82 42	82 45	8 2 4 0	76 44	82	8 2 5 2	84 52	86 56	88 51	89	88	85 62	89	91 63	89	86 58	84.4
MANCHESTER 4 SE	MAX	89 67	87 69	88 67	89 65	90 64	90 64	87 63	92 64	92 55	81	74 56	75 47	78 51	80 51	82 55	82 50	73 49	74 47	80	8 2 5 3	83 52	86 46	87 48	89 52	90 53	87 61	90 66	89	88 58	83	84.6
MAYFIELD	MAX	84 70	91 65	86 61	90 66	90 66	89 67	90 68	92 70	90 70	74 65	75 50	76 52	81 54	85 52	83 53	84 53	76 49	77 53	85 54	83 62	85 61	88	92 61	87 62	86 61	80 66	86	87 66	80 64	79 55	84.4
MAYSVILLE OAM 33	MAX	89 65	85 69	81 64	84 56	89 59	88 62	89 61	89 65	90 65	91 65	73 48	71 46	75 46	78 45	80 48	82 48	72 44	66 41	69	77 43	83 51	86 49	88 54	88	88 51	89 56	88 57	88 63	92 63	87 64	83 • 2 54 • 6
MIDDLESBORO	MAX M1N	88 68	88 68	89 58	88 64	90 61	90 62	81	87 64	89	81 66	75 58	8 2 4 9	81 53	78 51	77 50	83 50	80 55	78 51	81	81	82 52	85 47	85 51	88 53	88 53	86 52	85 59	90 56	88 56	8 <i>2</i> 65	84.2
MONTICELLO	MAX	88	86 69	84	86 64	90 65	88 65	86 67	89 66	87 68	80 68	76 55	77 51	82 50	80 51	81 45	85 48	77 53	77 49	83 45	82 56	84 52	85 54	89 56	88 57	87 54	84	85 70	90 66	90 64	83 67	84.3
MOUNT STERLING	MAX MIN	88 68	85 67	85 65	88	8 8 6 4	88 65	88	88 66	88 56	86 64	73 48	76 46	80 48	80 50	83 48	78 50	71 42	78 42	80 45	80 55	84 55	88 58	87 58	88 57	88 57	86 60	87 61	90 63	90 64	78 63	83.9 57.3
MOUNT VERNON	MAX M1N	87 66	86 65	88 61	91 65	90 61	88	89 62	89 66	88 65	82 66	75 68	73 57	74 50	79 47	80 48	78 48	72 46	72 49	80 41	81 58	82 52	85 55	85 53	86 53	87 55	86 62	86 66	84 65	89 62	81 63	83.1 57.9
MURRAY	MAX MIN	83 70	89 66	84 62	89 65	90 66	90 67	90 70	91 71	91 69	72 61	74 52	76 53	79 55	82 55	82 53	83 56	77 49	78 54	87 53	84 61	86 60	89 62	90 63	89 61	87 63	82 67	85 67	87 62	82 59	79 55	84.2
OWENSBORO 2 W	MAX M1N	84 71	87 68	87 62	90 63	93 66	89 67	91 68	92 70	91 70	72 65	75 52	79 53	82 54	85 56	82	77 55	74 49	75 52	83 51	83 60	84 58	87 60	89 60	89 59	86	77 67	87 70	88	80 66	80 58	83.9
PAOUCAH FAA AIRPORT	MAX M1N	79 70	85 65	84	B7 67	90 67	89 68	90 67	92 70	88 69	72 56	72 51	75 54	77 54	81 53	84	78 53	75 50	75 54	85 54	83 64	85 64	87 64	87 64	88 64	85 66	78 66	86 70	86 64	76 59	77 56	82.5 61.3
PAOUCAH	MAX	88 71	89 66	89	90 65	90 65	92	94 67	94 70	93 69	75 65	75 51	78 53	80 55	83 53	83 53	83 54	78 53	77 53	84 55	84 60	86 60	89 63	89 62	89 61	85 63	8 <i>2</i> 66	87 66	87 65	85 64	80 55	85.3 61.0
PIKEVILLE	MAX	92 70	89 70	90 68	90 66	90 66	90 65	90 65	94 67	94 65	79 63	78 60	79 51	85 54	82 53	81 55	81 56	72 55	77 50	83 43	8 <i>2</i> 5 2	85 56	90 55	90 57	89 57	91 56	89 55	89 66	95 60	84 60	71 68	85 • 7 59 • 5
PR 1 NCE TON	MAX MIN	85 71	88 68	84 59	90 64	90 66	88 65	93 67	93 69	88 67	70 65	75 51	78 53	80 54	83 54	84 52	81 51	77 49	76 53	88 52	83 58	86 55	87 58	90 56	89 56	85 57	76 68	87 68	85 69	81 65	80 57	84 • 0 59 • 9
R1CHMOND	MAX	86 70	87 68	84 67	84 67	88 66	88	88 66	89 66	89 67	89 69	74 49	70 48	73 50	77 52	79 50	81 52	77 46	68 47	70 45	79 50	81 53	83 55	86 56	86 59	87 59	87 60	85 67	88	90 65	90 65	82 • 8 58 • 8
RUSSELLVILLE	MAX MIN	88 65	90 63	86 63	90	90 63	89 65	91 69	89 69	78 67	71 62	75 50	76 50	81 52	83 54	83 50	83 51	77 48	77 53	83 50	83 60	86 60	88	88 58	90 61	84 56	83 69	89 71	90 69	84 64	79 58	84 • 1 59 • 7
SCOTTSVILLE	MAX	88 68	89 70	86 64	89 62	91 63	90	91 68	90 69	78 69	74 64	72 53	73 50	80 51	81 53	82 52	82 51	83 50	83 50	83 49	82 57	84 53	88 58	88 58	89 62	85 56	86 68	89 72	91 68	86 64	82 63	84.5
SHELBYVILLE 2 W	MAX	85 70	83 69	83 64	86 60	89 64	88 66	90 67	90 69	87 69	76 68	72 50	76 50	80 52	81 54	83 51	81 52	67 44	71 48	79 45	83 56	84 55	88 59	89 56	88 59	89 59	83 63	85 68	91 69	86 64	78 63	83 • 0 59 • 4
SOMERSET 1 N	MAX	87 69	87 67	85 64	85 61	88 66	88	86 63	88 65	88 66	75 67	73 52	73 51	78 54	79 51	81	80 49	78 46	72 49	80 45	80 56	81 53	84 51	85 50	87 54	86 52	83 57	86 69	88 64	88 61	81 65	82 • 7 57 • 5
SUMMER SHADE	MAX M1N		87 66		87 62		88								80 55						80 55	0.5	0.5	85 56	0.0		85 68					82.8 59.8
VANCEBURG OAM 32	MAX M1N	86 66		85 64	89 56		90 62		91 66						79 50						83 59			89 54			87 52	89 68	92 63	89 62		83 • 1 56 • 7
WARSAW MARKLAND DAM	MAX M1N	89 73	85 72	86 62			92 61		95 70						85 53		73 53			79 46	83 55			92 60			84 63		94 74	85 69		85.5 60.4
WEST LIBERTY	MAX M1N	88	90 66	85 62			90 58		91 63			73 49			78 45	79 48	83 47	76 47			81 44	82 50	84	87 48			90 53		88 55	92 59		84 • 4 53 • 6
WILLIAMSBURG 2	MAX M1N	91 68	90 68	90 60		87 66			83 66			76 57			86 53	80 52	79 52		80 51		81 49	83 54		86 53			87 56		85 63	89 63		85.6 57.7
WILLIAMSTOWN 5 WSW	MAX M1N	91 64	87 67	82 62	83		91 63	91	93 67	93	92	74 47	72	76 47	79	82	83 49	71 40	67 40		78 46	83 48	84 57	88 59	88		90 64	88		93 65		84 • 1 56 • 8
WOLF CREEK OAM	MAX	89	88 64	89	86	87	90 63	87	90	90 63	84	76 54	76	75	81 49	80	82 50		77	77	83 44	82	84	87 49			87 53			90 60		84.5
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EVAPORATION AND WIND

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DIX DAM	EVAP WIND	17 19	.1H 53	19 58	.22	.17	20 13	. 12	. 25 23	.18 5	.18 15	18 20	, 21 125	, 19 39	22 46	15	20 27	91 78	14	20 35	.19 30	10 9	$\frac{.20}{24}$	20 12	15 20	17	31	118	21 74	12 30	71	110
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WOLF CREEK DAM	EVAP	23 15	.11	25 35	.08 11	.13	21 13	. 07 20	.22 13	18 18	13 26	05 39	,20 45	. 27 .10	35	UH 7	07 1 N	21 12	18 26	26 32	.20 15	.19 27	.18	14	15 25	12 13	15 20	99	30 72	19 39	.18	5 1 87





STATION INDEX

KENTUCK

																						KENTUCKY SEPTEMBER 1959
STĀTION	X NO.	COUNTY	AGE !	LATITUDE	LONGITUDE	ELEVATION	T	SERVA IME A TABLE	ND S	OBSERVER		STATION	X NO.	COUNTY	AGE 1	LATITUDE	LONGITUDE	ELEVATION	OB 1	SERVI TME I TABL	LND ES	OBSERVER
	INDEX		DRAINAGE	LAT	LONG	ELEV	TEMP.	PRECIP.	SPECIAL				INDEX		DRAINAGE	LAT	LONG	ELEV	TEMP.	PRECIP.	SPECIAL	
AC ISON CAM AS ALBANY 4 N ALLEN ANCHORAGE APEX 2 NE	^31 -63 -95 -155 -185	BRECKINGLOGF CLINTON F.OYD FFERSON MUHLENBERG	7 2 1 7 3	37 55 36 45 37 35 38 16 37 08	86 34 85 08 82 43 85 33 87 19	380 1000 658 700 510	7P	6A 7A 8A 7P 1 7A	c	CORPS OF ENGINEERS MRS.BARBARA M. COOL NAMNIE AUXIER C. E. BARRET SPENCER PROWSE		LITTLE HICKMAN LOCK B LOCKPORT LOCK 2 LOGLICK 1 S LONDON LONDON FAA AP	4893	JESSAMINE HENRY CLAPK LAUREL LAUREL	4 4 4 2 2	37 45 38 26 37 51 37 07 37 05	84 35 84 58 84 02 84 06 84 05	560 485 773 1280 1191	MID	7A 6A	CCH	CORPS OF ENGINEERS CORPS OF ENGINEERS HUBERT BURGHER SUE BENNETT COLLEGE FEO. #VIATION AGENCY
ASHLAND AM 29 BAPBO PVILLE BAPDSTOWN C I POC I BAXTER BEAV P DAM	381 0397 0450 0490	BOYD KNOX NELSON HARLAN OHIO	7 2 8 2 3	38 27 36 52 37 48 36 51 37 25	82 36 83 53 85 28 83 20 86 52		6P 6P 7A 6P	7A 6P 6P 7A 6P		CORPS OF ENGINEERS UNION COLLEGE ST. JOSEPH PREP. SCHOOL C. HOMER NOLAN E. G. YOUNG	,	LOUISA LOUISA ? LOUISVILLE LOUISVILLE BOWMAN FLO LOUISVILLE WB AP	4943 4946 4949 4951 4954	LAWRENCE LAWRENCE JEFFERSON JEFFERSON JEFFERSON	1 7 7	38 07 38 07 38 14 38 13 38 11	82 37 82 36 85 46 85 40 85 44	582 585 462 558 474	6P MID	8A 6P MID	C C H.	CHARLES F. BRANHAH HAROLD C. FERGUSON LOUISVILLE G. + E. CO. CORPS OF ENGINEERS U.S. WEATHER BUREAU
BENHAM BENTON 9ENTON 2 BEREA OLLFOT BEREA WATEO WORKS	0611 0615 0619 0624	HARLAN MARSHALL MARSHALL MADISON MADISON	9 4	36 58 36 51 36 51 37 34 37 33	82 57 88 20 88 20 84 18 84 15	1010	5P 6P	8A 5P 6P 7A	C H	C. C. WHITEAKER JAMES H. MILLER RADIO STATION WCBL JAMES A. GROSSMAN MRS. LAURA B. GABBARD		LOUISVILLE UPPER GAGE LOVELACEVILLE LUCA MADISONVILLE SE MAMMOTH CAVE PARK	4967 5002 5067	JEFFERSON BALLARD BARREN HOPKINS EOMONSOM	6 3	38 17 36 58 36 53 37 19 37 11	85 48 88 50 86 02 87 29 86 06	403 37D 738 439 8D0	6P	6A 6P 7A 5P	C C	CORPS OF ENGINEERS BLAINE MALONE WILLARD E. FOSTER MOMER WELBORN, JR. NATIONAL PARK SERVICE
BLAINE BONNIEVILLE ROWLIN GREEN SIBSTS TOWLING GREEN FAA A	0854 0904 1907 0909	A WREN E HAPT WAPPEN WAPPEN WAPPEN	3 3 3	38 02 37 23 37 00 37 01 36 58	82 50 85 54 86 26 86 26 86 26	470 535	6P 6P		н	A. ENOCH WHEELER HAROLD WALTERS JAMES R. EDWARDS TVA-639 FED. AVIATION AGENCY		MANCHESTER 4 SE MAYFIELD MAYSVILLE DAM 33 MC KEE MC KINNEYSBURG	5301	GRAVES MASON JACKSON PENDLETON	6 7 2 5	37 06 36 44 38 38 37 26 38 36	83 43 88 39 83 42 84 00 84 16		6P 7A	7A 7A 7A 7A	СН	MORA S. WHITE MAYFIELD ELEC.+ WTR.CO. CORPS OF ENGINEERS MRS.WINNIE W. MORAN RICHARD T. SYONOR
BRENT DAM 36 BPOWN VILLE _4 6 BUPK 'VILLE CADI' LO K E	1120	CAMPBELL & MONSON PIKE CIMBEPLAND TPIGG		39 03 37 12 37 13 36 47 36 46	84 25 86 16 82 35 85 22 87 58	60D 424		7A 7A 8A 7A 7A		CORPS OF ENGINEERS ELDRIDGE SKAGGS EDWIN E. JOHNSON MARVIN M. LEE CORPS OF ENGINEERS		META MIDDLESBORO MIDDLESBORO SEWAGE PL MIDWAY HILLEPSBUPG	5430	BELL BELL WOODFOPD BOUPBON	1 2 2 4 5	37 34 36 37 36 38 38 09 38 18	82 27 83 43 83 43 84 41 84 09	789	5P	7A 8A	C H	CHARLES MURRAY MRS. LELA M. HERRELL CITY OF MIDDLESBORD CITY OF MIDWAY DAVID C. BAILEY
TALHOTIN LTOP 2 CAMPBELESVILLE CAMPVILLE CARROLLTON LOCK 1 LAY ITY I WNW	1256 1294 1345 1576	MC LEAN TAYLOR GRAYSON CAPPOL POWELL	3 3 4 4	37 32 37 20 37 25 38 41 37 52	87 16 85 21 86 30 85 11 83 56	402 771 600 480 712	6P 6P	7A 6P 7A 6A 7A	C H	CORPS OF ENGINEERS ALVA MC KINLEY G. V. COX SR. CORPS OF ENGINEERS JOEL W. MOUNTZ		MILLERSTOWN MONTICELLO MOREHEAD STATE COLLEGE MOUNT STERLING MOUNT VERNON	5438 5524 5555 5640 5648	GRAYSON WAYNE ROWAN MONTGOMERY POCKCASTLE	3 2 5 5 2	37 27 36 50 38 11 38 04 37 21	86 03 84 50 83 26 83 56 84 20	588 960 770 930 1137	6P	7A 7A 5P 5P	н	OVA M. LAWLER ALVIN L. BEPTRAM INACTIVE 9/57 FRED CARTMILL CITY OF MT. VERNON
LINTON THE CONTROL OF CONTROL THE CONTROL TO	1631 1663 1704 1855	BULLITT HICKMAN CALDWELL ESTILL BOONE	6 2 4 7	37 55 36 41 36 59 37 47 39 04	85 40 89 00 87 47 84 06 84 40	611 869	5P MID		Снл	BERNHEIM FOUNDATION WOODSON D. FRANKLIN MRS BENNIE B. WHITE CORPS OF ENGINEERS U.S. WEATHER BUREAU		MUNFOROVILLE I N MURRAY OLIVE HILL 2 WNW OLNEY ONEIDA	6020	CALLOWAY CARTER HOPKINS CLAY	3 9 7 7 4	37 16 36 36 38 19 37 14 37 16	85 53 88 20 83 12 87 47 83 39	636 622 895 533 75D	6P	7A 6P 8A 7A	c H	EDWARD A. RICHAROSON MURRAY STATE COLLEGE GEORGE E. DUVAL MELVIE PARLEE NEISZ MRS. ANNA L. BROWN
CUMBERLAND FALLS MY PE CYNTHIANA CYNTHIANA 2 DANVIL E DAVEL A	1998	WHITLEY HAPRISON HAPPISON BOYLE MARTIN	2 5 5 1	36 5D 38 23 38 23 37 39 37 48	84 19 84 18 84 17 84 46 82 32		8 A 7 A	5P 7A 8A 7A	'с н	KY* DEPT. OF CONS. MARSHALL HILL KY* CARDINAL DAIRY R. P. COLDIRON MRS. EVA M. DAVIS		ONEONTA DAH 35 OWENSBORD 2 W OWENSBORD DAM 46 PADUCAH FAA AIPPORT PADUCAH	6033 6091 6096 6110 6115	CAMPBELL DAVIESS DAVIESS MC CRACKEN MC CRACKEN	7 7 7 7	38 58 37 46 37 47 37 D4 37 D6	84 18 87 09 87 07 88 46 88 37	398	6P	7A 7A 6A HID 5P	C H	CORPS OF ENGINEERS VIRGIL D. CLARK CORPS OF ENGINEERS FEO. AVIATION AGENCY WESTERN P. LACKEY
DELPHIA I E DEMA DEWEY DAM FIX DAM DUNDEE BARRETTS FORD BR	2139 218D 2214 2358		1 1 4 3	37 02 37 25 37 45 37 48 37 33	83 D7 82 48 82 47 84 43 86 43	1647 850 653 87D 440	7A 4P	7A 7.	A C	BALLARD F. WALKER, JR. HATTIE B. BARNEY CORPS OF ENGINEERS PHILLIP O. THACKER JESSE L. HUFF		PADUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON	6136 6353 6384 6575	MC CRACKEN JOHNSON PIKE BELL CALOWELL	7 1 1 2 2 2	37 06 37 49 37 29 36 45 37 06	88 36 82 48 82 31 83 42 87 53	325 620 686 1002 529	5P	7A 8P 7A 5P	C H	CITY OF PADUCAH JESSE FAIRCHILD U.S. WEATHER BUREAU FOLEY PARTIN ALTON M. HARVILL
DUNMOP DYER EDRAVILLE LOCY F EDRAVITLE LOCY F EDRAVITUM ELIZABETHTOWN	2366 2391 2445 2469 2510	MUHLENBERG BRECKENRIOGE LYON METCALFE HARDIN	3 3 3 3	37 05 37 43 37 03 37 00 37 41	87 00 86 13 88 05 85 37 85 52	592 793 420 865 739	6P	7A 7A 6P	C H	N+ D+ GIVENS LENA BLAIR CORPS OF ENGINEERS JOHN E+ MORAN RADIO STATION WIEL		RAVENNA LOCK 12 RICHMOND ROCHESTEP LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA	6805 6882 7D49 7054	ESTILL MADISON OHIO LOGAN LOGAN	4 3 3 3	37 40 37 44 37 13 36 51 36 50	83 57 84 18 86 54 86 53 86 54	634 1122 401 590 576	8 A 6P	7A 8A 7A 7A 7A	н	CORPS OF ENGINEERS THOMAS C. HERNDON CORPS OF ENGINEERS WM. B. PORTER TVA-683
ELKHORN CITY ELKTON 2 5 FALMOUTH FAOMERS FLEMINGSBUPG	2528 2548 2775 2791 2903	PIKE TODD PENDLETON ROWAN FLEMING	1 2 5 5	37 18 36 47 38 40 38 09 38 25	82 21 87 10 84 2D 83 33 83 43	8D0 520 560 668 870	40	7A 7A 7A 7A 7A	н	EDMOND O. BENNETT S. RICHARD ANDERSON FRANK H. LAWSON MRS. C. C. STAMPER MRS. JEAN FLEMING		SADIEVILLE ST JOHN BETHLEHEM ACAD ST. MARY SALVISA LOCK 6 SALVERSVILLE	7074 7091 7096 7121 7129	SCOTT HARDIN MARION WOODFORO MAGOFFIN	4 8 8 4 5	38 23 37 42 37 35 37 56 37 45	84 33 85 59 85 21 84 49 83 05	791 777 743 490 859		6A	c	LAWRENCE ROGERS INACTIVE 8/59 JDHN B. BAUER CORPS OF ENGINEERS STANLEY GARDNER
FLEMINGSRUPG 2 FORD LOCK 10 FORDS FERRY DAM 5C FRANFORT LOCK 4 FRANKLIN 1 E	2908 2953 2961 3028 3036	FLEMING MADISON CRITTENDEN FRANKLIN SIMPSON	5 4 7 4 3	38 25 37 54 37 28 38 14 36 43	83 45 84 16 88 06 84 52 86 34	911 66D 356 504 690	40	6A 6A 6A 7A	СН	WILLIAM H. FISCHER CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS MRS KATIE D. NEAL		SALYERSVILLE 2 SE SCOTTSVILLE SEBREE SHAWNEE STEAM PLANT SHELBYVILLE 2 W	7215 7234 7311	MAGOFFIN ALLEN WEBSTER MC CRACKEN SHELBY	5 3 7 8	37 44 36 45 37 36 37 D9 38 13	83 03 86 12 87 32 88 47 85 16	920 770 348 345 825	5P	7A 5P 7A 7A 7A		FORREST C. WILLIS NOBLE ALLEN PAUL D. TOMPKINS TVA-709 MRS. WILLIE S. RATTA
FREERIPH 2 SW FRENCHBURT GAMALIEL GEORGETOWN WATER WORKS GEST LOCK 3	3052 3112 3194	PIKE MENIFEE MONPOE SCOTT HENRY	1 5 3 4	37 33 37 57 36 38 38 12 38 25	82 10 83 39 85 48 84 33 84 53	730 864 86D 888 49D		7A 8A 7A	СН	MRS ALTA S. GOOSLIN MISS ESTHER WILSON E. GUY DECKARD WILLIAM F. BRAMBLETT CORPS OF ENGINEERS		SHEPHEPOSVILLE SMITHFIELD 4 S SOMERSET SOMERSET 1 N SPRINGFIELD	7473	BULLITT SHELBY PULASKI PULASKI WASHINGTON	8 2 2 8	38 DD 38 20 37 06 37 07 37 41	85 44 85 16 84 37 84 37 85 14	446 862 1050 1050 738	6P	7A 6P 7A	С	OVIO K. MAGPUDER F. W. SIMPSON CORPS OF ENGINEERS RADIO STA WSFC WM. H. GOATLEY
SLASCOM WEAY SLASCOM WEAY GLENDALE 1 F GOLOGN POND 8 N GRANT DAM 38	3241 3246 3252 3295 3358	BAPREN BAPREN HAROIN TRIGG BOONE	3 3 3 2 7	37 00 37 00 37 36 36 54 38 59	85 55 85 55 85 54 88 0D 84 50	780 808 710 393 503		7A 6P 7A 4P 7A		EMILY M. BEAM RADIO STATION WKAY DEWEY S. HILL FISH + WLOLF. REFUGE CORPS OF ENGINEERS		STEARNS SUMMER SHADE SUMMER SHADE SUMMER SHADE TATHAM SPRINGS TAYLORSVILLE	7800 7805 7924	MC CREARY METCALFE METCALFE WASHINGTON SPENCER	2 3 3 8 8	36 43 36 53 36 53 37 52 38 D2	84 29 85 43 85 40 85 09 85 21	1420 864 - 692 483		7A 6P 7A	C H	MRS GLADYS M. GRIFFITH CHAS. H. MC MURTREY TVA-684 R. C. DEDMAN MRS. KATHRYN B. CARR
GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 BR GREENUP DAM 30 GREENVILLE 2 W	3392 3430 3435 3443 3451	CARTER GREEN GREEN GREENUP MUHLENBERG	7 3 3 7 3	38 19 37 15 37 15 38 37 37 12	82 56 85 30 85 30 82 51 87 12	9D0 630 590 538 519	6A 7A 5P	6A 7A 7A 7A 5P		ALBERT G. SWANAGAN HOWARD PICKETT LYNN T. BLAKEMAN CORP OF ENGINEERS C. R. LOVELL		TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49 VALLEY VIEW LOCK 9	8144	MONROE TRIGG ANDERSON UNION JESSAMINE	3 9 4 7 4	36 42 36 45 38 02 37 46 37 51	85 41 88 05 84 51 87 57 84 26	920 390 524 358 571		7A 7A 6A 7A	С	STANLEY HURD TVA-680 CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS
MALEYS MILL HARTFORD 6 NW HAZARD HAZARD WATER WORKS HEIDELBERG LOCK 14	3539 3652 3709 3714 3741	CHRISTIAN OHIO PERRY PERPY LEE	3 4	37 03 37 32 37 15 37 15 37 33	87 20 86 54 83 12 83 11 83 46	740 429 869 880 663	5P	8A 7A 6A	C C H C H	CLEATUS E. BRINKLEY OAVIO K. CARSON H. A. BAILEY LEE J. HOGSTON CORPS OF ENGINEERS		VANBUPEN VANCEBURG DAM 32 WARSAW MARKLANO DAM WAYNESBURG 7 NE WEST LIBERTY	8259	ANDERSON LEWIS GALLATIN LINCOLN MORGAN	7	37 58 38 39 38 46 37 25 37 55	85 10 83 21 84 58 84 36 83 15	558 525 A66 1215 852	7.A	7A 7A 7A 7A 8A		EDWARD B. STEVENS CORPS OF ENGINEERS CORPS OF ENGINEERS MRS. RITA RIDDER MRS. ELIZABETH BROWN
HENDEPSON 7 SSW HEPNDON HICKMAN 1 E HICKSVILLE HIGH 8PIDGE LOCK 7	3798	HENDERSON CHRISTIAN FULTON GPAVES JESSAMINE	7 2 6 9 4	37 45 36 44 36 34 36 48 37 49	87 38 87 34 89 10 88 30 84 43	382 512 - 440 544	7A	6P 7A 7A 6A	С	FRANK STREET C. W. KEATTS MRS. NELL S. CALVIN TVA-679 CORPS OF ENGINEERS		WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK DAM WOODBURY LOCK 4	8709 8714 8724 8807	WHITLEY GRANT LEE RUSSELL BUTLER	2	36 44 38 38 37 36 36 52 37 11	84 10 84 38 83 5D 85 D9 86 38	1010	8A 7A	8A 7A 6A	A C C	ESTIL M. MEAOOWS HENRY NORTHCUTT CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS
HINDMAN SETTLEMENT FOR HODGENVILLE NAT PARK HOPKINSVILLE HYDEN INEZ	3929 3994 4093	KNOTT LAPUE CHRISTIAN LESLIE MARTIN	3 2 4 1	37 20 37 32 36 51 37 10 37 52	82 59 85 44 87 3D 83 23 82 32	1080 788 540 - 638	7A	7A 7A 6P	СН	HINDHAN SETTLEMENT SCH. NATIONAL PARK SERVICE NEWELL F. SMITH MRS. FERN F. ELAM UNITED FUEL GAS CO.		NEW STATIONS SCOTTSVILLE 2 SW PUBLICATION ENOED	7220	ALLEN		36 44	86 13	760		7A		MRS. IDELL F. DEERING
IPVINGTON JACKSON JEREMIAH FERLE 1 NNE KENTUCYY DAM	4196 4255 4369	BRECKINRIDGE BREATHITT LETCHER JESSAMINE LIVINGSTON	3	37 53 37 33 37 10 37 57 37 01	86 17 83 23 82 56 84 38 88 16	646 795 1150 941 362	7P	7P 7A 5P 7A 5A	Н	FLOYD G. ROBBINS JAMES O. MALONEY HOBART ISON HUGH W. BUFFIN TVA-379-A		ADOLPHUS 1 N	D043	ALLEN	3	36 39	86 16	600		7A		EFFECTIVE 9/59
LA GPANGE 1 5W LANCASTER LEITCHFIELD LEXINGTON WB AIRPORT LIBERTY	4620 4703 4746	OLDHAM GARRAPD GRAYSON FAYETTE CASEY	7 4 3	38 24 37 37 37 29 38 D2 37 21	85 24 84 35 86 18 84 36 84 55	874 1032 642 979 772	6P MID	6 A 8 A 8 A	C HJ	ALBERT V. HARDIN KENTUCKY UTILITIES CO. CLYDE STIKELEATHER U.S. WEATHER BUREAU PALLIA F. HANKLA												

^{† 1-}BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT, 9-TENNESSEE

See Page 106 for Reference Notes

USCOMM-WB-Asheville, M. C. -- 11/2/58 --- 800

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U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

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OCTOBER 1959 Volume LIV No. 10



KENTUCKY - OCTOBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 94° on the 5+ at 4 stations

Lowest Temperature: 22° on the 19th at Inez

Greatest Total Precipitation: 9.13 inches at Sebree

Least Total Precipitation: 2.20 inches at Jackson

Greatest One-Day Precipitation: 3.95 inches on the 8th at Frankfort

Lock 4

Greatest Reported Total Snowfall: Trace at 2 stations

Greatest Reported Depth of Snow on Ground: None

SPECIAL WEATHER SUMMARY

The drought conditions existing in much of central and eastern Kentucky at the close of September were alleviated by generous and well distributed rains in all sections of Kentucky during October. The dry weather of September persisted until near the end of the first week in October with general rains developing over the state on the 5th and 6th. Rainfall totals at most Kentucky locations ranged between 1 1/2 and 3 1/2 inches during the October 5th - 12th period, with well distributed additional rainfall during the balance of the month. Average October precipitation in the Central, Blue Grass, and Eastern Divisions exceeded 4 inches, with each of the three divisions receiving approximately two inches above their normal October rainfall. The Western Division, which had been least affected by moisture deficiencies of previous months, recorded average October rainfall of near 1 1/4 inches above their normal expectancy for the period.

The bulk of Kentucky's burley tobacco crop was cured during the persistent dry weather of September and early October, with tobacco stripping becoming very active with the additional moisture that brought tobacco into case in most sections by October 10th. Fall plowings and seedings became active following the rains, with early seedings up to good stands by the close of the month. Pastures revived in all areas, and only local areas in eastern counties reported any stock water shortages by the last week in October. The first heavy frost of the Fall season occurred in all but eastern areas on October 28th with resultant defoliation speeding up the harvest of soybeans by the close of the month.

> O. K. Anderson State Climatologist U. S. Weather Bureau Louisville, Kentucky

CLIMATOLOGICAL DATA

DENTUCKY OCTOBER 1959

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falso	8.5	(b)	2	*	- 191 - 191 - 2	ì	4	5		W. 1	4	Ma al	J	Contraction of the contraction o	9	6,000	, co	Van Sec	-	\$ 0x 40x	7
WESTERN				-		T															
BEAVER DAM BENTON 2 FORDS FERRY OAM 50 GOLDEN PONO 6 N GREENVILLE 2 W	71.2 71.2M 70.0M 73.2 71.0M	47.5 45.0M 50.0M 46.1 47.7M	59.4 58.1M 60.0M 59.7 59.4M	• 3	90 90 89 90 89	4+ 3 4+ 4	28 29 29 29 34 29 27 29 2	8 .	229 259 214 218 236	2 1 0 1 0	0 0	3 0 4 0 0 0 2 0 2 0	4.05 3.84 3.30 4.32 4.00	.79 1.50	1.15 1.38 .74 1.34 1.76	13 11 14 13 13	•0	0 0 0 0		6 6 7 6	2 3 2 2
HENOERSON 7 SSW HICKMAN 1 E AM HOPKINSVILLE AM LOVELACEVILLE HADISONVILLE I SE	70 • 7 73 • 9 72 • 1 72 • 1 71 • 3	47.1 46.6 48.0 47.8 47.4	58.9 60.3 60.1 60.0 59.4	- 1.2	89 90 90 88 89	5+ 5+ 4+ 3	30 2 29 2 33 2 28 2 30 2	8 8	240 213 215 214 228	0 2 2 0 0	0	1 0 2 0 0 0 2 0 2 0	3.39 2.86 3.22 3.29 5.46	.49 .70 .14	1.54 .72 .69 2.00 1.41	13 14 6 13 13	.0	0 0 0		5 6 4 8	2 3 3 5
MAYFIELO MURRAY DWENSBORO 2 W PADUCAH FAA AIRPORT PAOUCAM	70.7 72.5 72.3 69.6 72.8	49.1 49.8 48.2 48.0 48.8	59.9 61.2 60.3 58.8 60.8	.3 1.0	88 90 91 87 90	4 4+ 4 3 4+	31 2 31 2 34 2 29 2 30 2	8+8	212 191 208 246 194	0 2 2 0 2	0	1 0 1 0 0 0 1 0	4.06	2.60 1.56	1.68 2.93 1.00 2.17 2.00	6 6 13 13	.0	0000		6 9 4	4 4 2
PRINCETON RUSSELLVILLE	72.0	47.5	59.8 59.9	3	90 91	3	31 2 2 2		212	1		1 0	3.83	1.63	1.33	13	.0	0		7 7	3
DIVISION			59.8	- •3									3.89	1.24			-0				
CENTRAL ANCMORAGE BARDSTOWN S J PREP SCH BOWNIEVILLE BOWLING GREEN FAA AP	69.1 71.9 70.8 70.8 72.2	45.9 46.5 46.3 47.6 48.7	57.5 59.2 58.6 59.2 60.5	- •2	91 92 90 92 91	4 5+ 4 5+	27 2	8 9+ 8	271 237 244 228 205	2 3 2 1 2	0 0 0	2 0 4 0 3 0 2 0 1 0	5.60 5.67 4.55	2.86	2.02 2.27 2.11 1.08 1.50	8 8 8 8	.0	0 0 0 0		8 7 8 6 8	3 4 5 4 3
CAMPBELLSVILLE CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG AM IRVINCTON	73.8 71.5 70.4 72.0 70.9	46.2 47.3 48.0 45.7 47.1	60.0 59.4 59.2 58.9 59.0	- 8 - •2	94 90 94 92 92	5 4 4 6+ 4	28 2 30 2 29 2 30 2 28 2	8 8 8	226 232 233 249 243	1 4 3	0 0 0 0	5 0 1 0 1 0 3 0 4 0	4.98 3.88 5.96 5.21	2.83 1.85	1.02 1.21 2.41 1.71	8 8 8 8 6	•0	0 0 0 0		9 8 8 9 7	3 3 4
LEITCMFIELD LOUISVILLE LOUISVILLE WB AP R MAMMOTH CAVE PARK SCOTTSVILLE	70.1 71.6 70.3 71.9 72.8	49.6 48.7 47.8 45.0 49.0	59.9 60.2 59.1 53.5 60.9	•4	91 92 92 92 91	4 5+ 5+ 4 5	31 2 31 2 29 2	8 8	215 217 241 238 196	1 3 2 2	0 0 0	0 0 0 1 0 1 0 2 0 2 0	3.30 3.26 3.47	1.38	1.01 .76 .77 1.72 2.14	9 8 8 7 8	.0	0 0 0 0		9 8 7 5 7	2 3 2 2 3
SUMMER SHADE WOLF CREEK OAM AM	70.9	48.5M 44.2	59.7M 58.3		90 92	5			217	1 3		1 0			1.71	8 9	•0	0		6 8	2
WOLF CREEK OAM AM			59.3	. 3									4.61	2.18			• 0				
BLUE GRASS																					
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT R CYNTHIANA 2 AM OANVILLE AM	74.9 70.0 67.0 70.5 70.3	46.1 46.4 46.6 43.3 45.4	60.5 58.2 56.8 56.9 57.9	1.4	93 90 88 94 90	5 5+ 5+ 6+	30 2 29 1 26 2	8	208 257 294 273 270	3 2 0 3 3	000	3 0 3 0 2 0 5 0 2 0	4.11 3.05 5.72	.94 1.79 .88	.80 .90 1.03 3.01 1.34	14 9 8 8	* 0 * 0 T * 0 * 0	0 0 0		9 8 10 9 9	2 3 1 2 1
OIX DAM FALMOUTH FLEMINGSBURG 2 FRANKFORT LOCK 4 AM LEXINGTON WB AIRPORT R	71.5 71.5 69.4 69.9 68.3	49.5 44.5 46.5 44.7 48.8	60.5 58.0 58.0 57.3 58.6	- 1.2 .7	91 94 92 92 91	4 5 5+ 5 4	28 2 28 2 30 2	9+	205 259 258 273 253	3 3 3 1	0	1 0 3 0 4 0 3 0 1 0	4.36 3.74 7.70	2.19 5.52 1.47	.62 1.16 1.52 3.95 1.66	8 8 8 8	.0 .0 .0	0 0 0		8 8 7 9 7	
MAYSVILLE OAM 33 AM MOUNT STERLING RICHMONO AM SHELBYVILLE 2 W WARSAW MARKLAND OAM AM	69.0 70.8 69.2 70.8 70.4	44.4 47.0 46.4 47.7 48.7	56.7 58.9 57.8 59.3 59.6	7	90 90 90 91 92	6+ 4+ 6 5+ 3	28 2 31 2 28 2	8 8	292 230 276 233 228	2 2 1 3 3		5 0 0 0	2.74 3.41 4.67	2.31 .44 2.25	1.45 .58 1.07 1.00	9 13 11 8 9	•0	0 0 0		8 9 8 10 8	
WILLIAMSTOWN 5 WSW AM	68 • 4	43.3	55.9	- 3.0	91	6+	28 3	30+	322	3	0	4	4.79	2.49	1.80	9	• 0	0		8	3
OIVISION			58.2	- •3									4.12	1.85			T				
EASTERN									200			2		1 07	1 12	1				4	2
ASHLANO OAM 29 BARBOURVILLE BAXTER AM BENHAM AM BLAINE	70.6 73.8M 70.0 70.5 71.6	48.8 46.6M 48.0 45.9 43.0	59.7 60.2M 59.0 58.2 57.3	.8	90 90 87 87 90	5 5+ 6+ 7+ 4	32 2 29 2 33 1 31 1 24 2	9	223 208 228 245 270	0 0 1	0 0 0	2 0 0 0 1 0 7	5.54 4.20 5.27	1.37	1.12 1.20 .75 1.07	1 14 14 14 23	• 0 • 0 T	0 0 0		6 11 8 11 10	5
OEWEY OAM AM FARMERS GRAYSON 1 SE AM HEIOELBERG LOCK 14 R HINOMAN SETTLEMENT SCH AM	71.3 71.8 69.8 71.9	47.4 45.6 43.6 46.7	59.4 58.7 56.7 59.3	1.7	89 90 91 90	6+ 5+ 5	33 1 27 2 26 2 29 1	29	229 238 293 227	0 2 2 2	0000	0 (0 5 (0 4 (0 4 (0 4 (0 4 (0 4 (0 4 (0	3.37	1.17	1.45 .88 .96 1.18	24 24 1 24	•0	0 0 0 0		9 9 8 9	3
INEZ LONDON FAA AIRPORT MANCHESTER 4 SE MIOOLESBORO MONTICELLO	70.8 68.6 72.6 72.5 72.1	39.6 46.5 47.5 47.6 48.7	55.2 57.6 60.1 60.1 60.4		90 88 90 88 92	5+ 5+ 5+ 5+ 5	22 1 30 2 24 1 30 2 28 2	28	314 278 209 203 209	2 0 2 0 2	00000	7 2 2 2 3 2 2	4.33 5.76 4.66		2.00 .94 1.59 .92 .96	23 23 24 24 9	• 0 • 0 • 0 • 0	0 0 0 0		6 9 10 8 7	3 4 5

CLIMATOLOGICAL DATA

KENTUCKY OCTOBER 1959

CONTINUED

					Теп	peral	etute											Precip	noitation					
												No of	Days	s					Sno	ow, Sleet		N	lo ol	Days
Station		Average	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days	90° or Above		32° or Below	χ 3	Total	Departure From Long Term Means	Greatest Day	Date	Toral	Max Depth on Ground	Dare	.10 or More	.50 or More	1.00 or More
MOUNT VERNON PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY	АМ	72.3 72.4 70.3 70.0 69.5	48.5 51.1 46.7 45.8 43.5	60.4 61.8 58.5 57.9 56.5		89 92 90 91 89	5 4 5 5+ 6	27 35 28 31 26	19 28 29	214 174 245 255 297	0 2 1 3 0	00000	2 0 2 3 5	00000	3.24 4.47 4.99 3.88 3.44	2.43	.75 1.39 1.16 .85	8 9 9 24	•0 •0 •0 •0	0 0 0		7 12 11 8 9	3 3 2	0 1 1
VILLIAMSBURG 2	АМ	74.3M	47.0M		1.6	91	6+	30	28	206	2	0	3	0	5.30	3.15	1.35	24	•0	0		9	6	1
DIVISION				58.9	•6					l	i	- }			4.18	1.96			T					

SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	ive hum	idity ave	erages ·		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 a EST	7:00 a EST	1:00 p EST	7:00 p EST	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to sur
COVINGTON WB AIRPORT	SSW	14	8.8	29	WNW	11	78	86	58	65	2	2	9	0	1	0	14	-	5.3
LEXINGTON WB AIRPORT	S	14	10.4	-	-	-	82	91	59	68	3	2	5	1	1	0	12	-	5.1
LOUISVILLE WB AIRPORT	SE	10	8.1	29	W	24	84	91	59	63	2	4	5	2	0	0	13	53	5.0

DAILY PRECIPITATION

ori bin 1959

	73											Day	of mo	nth															
Station	Total	1 2	3	4	5 6	7	В	9	10	11	12		14		16 17	18	1	9 20	21	22	23	24							31
ADDISON DAM 65 ALBANY 6 N ALLEN ANCHORAGE	9.07 4.18 9.66 9.40				.95 .		17 •19 49 98 2•02	1+27 +32	T	.41 .10 .37 .28		+0.6	* 96 * 5 T * 98 T								.03	. 16 . 61 1 . 91 . 99 . 99	. 18	+04		.09	+28	.01 .4d .94	.03 . .04 .
APEX 2 NI ACHLAND DAM 29 BARHOUNVILLI BARDSTOWN 5 J PRIP ACH BAXTER BFAVER DAM	9 a 2 3 9 a 9 a 9 a 8 0 9 a 8 0 9 a 8 0 9 a 8 0	1.17 7			.01 .	12	03 16 .91 01 2.21	.16 .53 .01		.10 .16	Ì	.90	.48 1.20	.01 .20							1.06 .07	. 6 T . 4 6 . 7 1 . 7 7 . 5 7	+96	. 34	.02	+01 +02 +05	+98		T
BENIAM BENTON 2 BERRA COLLEGI BERRA WATER WORKS BLAINE	9+2T 9+84 9+19 9+13 9+03	T				09	•9 •25 19 •06 05 •13	09		•3H •27 •52 •36	.09	• 20 1 1• 20 • 55 • 32 • 92	e 80	.02			l				.33 .20 T	.77	.10 .33	.19 .05 .13	.66 T .50 .38 +14	.06	Ť	.07	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
BONNIEVILLE BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENT DAM 36	9 ± 6 T 9 ± 9 9 9 ± 9 9 9 ± 9 9	т		.03	т 1	07 .	2 0 11 16 0 98 24 0 79 47 1 0 08 95 0 98	3 1.37		.90	T	1.00	.73 .93 .02 .19				l			т	***************************************	.41 .58 .02 .29	.09 .09 .02 .23	T •01 •02	.03 T .04	, I S	.04 .08	-13	*04 * *01 * *02 * *03 * *
RROWNSVILLE LOCK 6 RIBDIN 2 NF BURKESVILLE CA012 LOCK F CALHOUN LOCK 2 CAMPRELLSVILLE	4.08 4.08 4.77 4.19				1			.40 0 I.49 2 .82 .48	T	.26 .28 .93 .72	.10	•67 •15 •23	.95 .40 .70 1.10	т			1			Ŧ	T T	.51 .38 .68	.83 .24 .09	:50 1	.07 1 .21	+14	.2A	.06 T	T + 04 + 02 +
CANEYVILLE CARROLLTON LOCK 1 CLAY CITY 1 WAW CLERMONT 1 SSE COBB	4.23 4.11 3.08 4.98	e21				46 .	06 .6' 49 .7' 13 .0' 1.0'	5 .77 4 .90 5 .07 2 .41 6 .71		•25 •55 •85 •34		•51 •23 •84 •61	.32 .25 .35 .12								.05 T	.90 .23 .58 .62	. 27 . 34 . 31 . 25	.35	.18 .09 .30 .04	.09		, O 8	.03 . .05 . T .
COLLEGE HILL LOCK 11 COVINGTON WE AIRPORT R CUMBERLAND FALLS ST PR CYNTHIANA CYNTHIANA 2	7.76 9.05 4.18 5.19	. 1	ø38		.10	10 0 24 136 0	19 .1 1.0 09 .2 49 2.5	3 • 04 3 T 6 1•00 4 • 86	T	.67 .40 .04 .31	Т	•13 •25 •13 •08	.05 .54	• 04							.26 .30 .01	.35 .10 .84 .38	.11 .75 .24	.03 .04 T	.33 .34	• 02	o O 2	.01	13 . 02 . T .
OANVILLE DELPHIA 1 E DEWEY OAM DIX DAM OUNDEL BARRETIS FORD BR	3 • 03 3 • 94	•70 1•DR				.95	73 1.3 72 55 T 43 .6	4 .06 .26 2 .03	•01	•16 •53 •12		•22 •72 •47 •42 •72	• 37 • 91 • 47 • 30	015							.06	.32 I.45 .35	.80 .23 .44	.41 .04 T	.15 .24	T .05		.20	.02 ·
OUNMOR EOOYVILLE LOCK F EOMONTON ELIZABETHTOWN ELKHORN CITY	3.48 4.23 3.68 3.88	. 80			т	.40 .65 .20 .84	.2 .5 .6 1.2	1 2 • 82 1 0 • 32		.31 .75 .30 .39	e 32	• 72 • 78 • 67	1 • 06 • 30 • 83 • 62								•10 T	.38 .88 .36	*30 *16	.06 T	.10 .03	*10		•10 •12 •15 •11	.02
ELKTON 2 S FALMOUTH FARMERS FLEMINGSBURG	3.95 4.36 3.37		MISSING			.03 .	53 1.1	6 1.04		•56 •57		T •15	• 34				l				T	.32 .88	.19 .30	.03	• 12				.03 ·
FLEMINGSBURG 2 FORD LOCK 10 FORDS FERRY DAM 50 FRANKFORT LOCK 6 FRANKLIN 1 F	3 • 74 2 • 50 3 • 30 7 • 70 4 • 52	Ť				.72	1.5 20 .1 52 3.9	7 •13 5 1•05		.49 .46 .22		.69 .24 .73 .23	• 02 • 45 • 74 • 50 • 35	т							1 3 7 7 7	.40 .43 .43 .68	•13 •14 •01 •18 T	.38 T	.21 .20 .35	T T		.01 .02 T	.05 . .02 . .01 . .02 . T .
FREERURN 2 SW FRENCHBURG GAMALIEL GEORGETOWN WATER WORKS GEST LOCK 3	5+26 3+40 3+58 5+95 3+14	•41	01			04	04 .0	9 1 · 28 7 · 18		. 44 . 20 . 19 . 31	•14 •01	.05 .15 .10 .25	.87 .33 .54 .45	•08 •01 •02						• 0 3	T +14 T	.91 .99 .62 .30 .31	.27 .32 .10 .24	.04 .02 T	.45 .35 T .40	•04 •03		.11 .05 .05	.07 . .03 . .03 . .04 .
GLASGOW WKAY GLASGOW WKAY GLEMOALE 1 E GOLDEN PONO 8 N GRANT OAM 38	6 • 41 5 • 9 6 4 • 43 4 • 32 2 • 34			.06	.25 I	.02 .54 .25	15 2.3 103 2.4 128 .9 .3	1 4 .53 4 1 .55		• 52 • 33 • 22 • 44 • 33	Ť	045 021 1034	• 07 • 23 • 04 • 23								•0R •63 •33	.88	•17 •15 •19	.03 .03	.23 .24 T .05	.02	•17 T	.04 T	.05 . .02 . T .
GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 BR GREENUP OAM 30 GREENVILLE 2 W HARTFORO 6 NW	3 • 44 5 • 21 4 • 91 2 • 93 4 • 00	1 1 9 • 95	7	-11	.06	.30	13 T 45 1.7 46 1.7 06 .0	0 .23		• 28 • 08 • 05 • 10 • 32	۰05	• 72 • 70 1• 76 • 38	• 37 • 35 • 41 • 05	۵01			I			т	.02	.86 .85 .55 .44	•27 •22 •10	.05 .07 .20	.13 .15 .20 .03	+04 T	• 07	.03	.04 .
MAZARO WATER WORKS HEJOELBERG LOCK 14 P. HENDERSON 7 SSW HICKMAN 1 E. HICKSVILLE	5.43 3.28 3.39 2.86	62 3 a10		• 04			35 •0 •10 T T •0	3 .34		•17 •47 •72 •43	•11	*29 *10 1*54	.93 .36 .72	.08 .06							. 43	1.24 1.18 .04 .44	.47 .27 .05	.09 T .26	.36	•06	e 02	. 40 . 04 T	. 03 .
HIGH BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH HOPKINSVILLE HYDEN INEZ	3 · 10 3 · 22 5 · 43	•60 •23				.89	•45 •4 •1 •98	7 .36		•27 •65 •21	•01	.26 - .02 .14		. 05 . 05							.01 T 2.00	1.10 .36 1.18	.04 .66		.10	•05		.25 .02 .24	.02 . .01 .
IRVINGTON JACKSON JEREMIAH KEENE I NNF KENTUCKY OAM	4 · 26 2 · 20 4 · 23 3 · 72	0 •33		.09	.02	.36	•12 •0 •63 •0 •20 1•0	2 • 27 15 • 40 18 • 12		.39 .02 .32 .53		.81 .03 .08 .24	.76 .45	a 05							*23 T	.46	*21 *44 *34	.10	.12 .35 .22	• 02		*04 *27	T
LA GRANGE 1 SW LANCASTER LEITCHFIELO LEXINGTON WB AIRPORT R LIBERTY LITTLE HICKMAN LOCK 8	4.45 2.89 4.00 3.91 4.95 3.20	9 0 1 1 5		Ť		.55 .30	•16 •3 •09 •4 1•6	5 .65		.20 .55 .24 .47		.29 .35 .57		ø05							.04 .40 .05	.57 .43 .15	•15 •01 •35 •30	•23 •29 •10	•25 •21 T	• 72 • 04		.09 .02 T	.03 . .04 . .06 .
LOTTE WICKMAN LOCK S LOCKPORT LOCK 2 LONDON FAA AIRPORT LOUISA 2 LOUISVILLE LOUISVILLE WE AP R	4 • 65 4 • 33 4 • 15	5 3 5 • 81 1	T .02	7	.03	.33	•96 •5	12 1 • 41 17 • 13		• 38 • 29 • 48 • 33 • 33	т	•12 •53 T	• 44 • 29	Т							.94 .16	.27 .48 1.30	•10 •10	T .08 T .40	.23 .04 .27	.03	e 36	T = 02	.02 . .01 . .02 .
LOUISVILLE WB AP R LOUISVILLE UPPER GAGE LOVELACEVILLE MAOISONVILLE I SE MAMMOTH CAVE PARK MANCHESTER 4 SE	3 · 2 · 3 · 3 · 3 · 3 · 3 · 3 · 5 · 4 · 5 · 7 · 6	6	.02	T	a 20	.56 .13	•12 •3 •3	30 +20		• 35 • 50 • 65 • 23 • 26		016 2.00 1.41 004 .23	• 35 • 90 • 05 • 80	004							•03 •51 T	.54 .68	.30 .32 .57	.08 .05	.39 .25			.03 .06	.03 . T .
MAYFIELO MAYSVILLE OAM 33 MCKEE MIOOLESBORO MIOWAY	3.91 4.61 3.91 4.61 5.71	3 3 9 6 6 06	•12			468 405	.46 1.2	27 1.45	T	.75 .29 .16	e39	T • 26	•99 •33 •48 •60 •48	•03							• 03		.14 .31 .51 .28	.02 .04 .03	• 19 • 36 • 57 • 35	*17	T	.02	T .
MILLERSTOWN MONTICELLO MOUNT STERLING MOUNT VERNON MUNFOROVILLE I N	5 • 0: 3 • 6: 2 • 7: 3 • 2: 5 • 3:	3 7 4 4				•12	2.0	06 36 •96 26		.19 .02 .46		• 29 • 05 • 58 • 62 • 48	• 37 • 50 T	•02			1				.09 .33	. 68 . 34 . 72 . 62	•19 •47 •26 •30 •23	.10 T .25	.11 .17 .10	.20	т	0 T	.04 . .04 .
MURRAY OLNEY OMEIOA	5 • 4 4 • 8 5 • 0				2.93	.28 .86	•32 •25	96		.64 .72 .30	.02	1.08	+63	• 03							.02	1.5	.63	T +14	•16 •02		103	.0	.01 . T .

Station	tal															Da	y of m	onth																
Station	Tot	1		2	3	4	5	6	7	8	9	1	0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEONTA OAM 35 OWENSBORO 2 W OWENSBORO OAM 46 PAOUCAM FAA AIRPORT PAOUCAM	4.16 4.06 4.57 4.39 4.30				•04	•04	•37	.65 1.00 1.25		. 5	0 10:	90	-10	•17 •30 •35 •04		+02 +64 +28 2+17 2+00	•17 •50 •75									T T T +48		.19 T	*01 T *09		•09		.03 T	•25 •03 T
PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON RAVENNA LOCK 12	4.655 4.47 5.82 2.38 2.87		0 8 35	T			•13	•05		+ 2 T + 2	2 0:	59		**************************************	•36	•41 •08 •61	• 52 • 54 • 85 • 36								Т	• 22	1.25 .74 1.08 .47	•14 •65		•17 •42 •75		7	.04 .35 .06 T	.04 T
RICHMOND ROCHESTER LOCK 3 RUSSELLVILLE SALVISA LOCK 6	3.41 3.78 3.83 3.34 4.83							T •34 •64 •72	•02 •01	1 • 3 1 • 6 1 • 7	3 • 3	77		1.07 .44 .35			e34 e72 e64 e36 e48									*02 *02 T *01	•28 •31 •37		•02	.34 .12 .32			• 25	•04 •01 •04
SALYERSVILLE 2 SE SCOTTSVILLE SCOTTSVILLE 2 SW SEBREE SHAWNEE STEAM PLANT	4.91 4.91 3.96 9.13 3.83		24	•40			.88 .31	1.05 .45 .46	• • 1	2.1 1.3 1.6	4 7 of		• 77	•18 •97	•37 •10 1•58	•23 •10	•56 •12 •23	•12								* 07 T	1.11 .82 .72 .65	•03	•90	.04 .02	. 74		.12 .04 .20	
SHELBYVILLE 2 W SHEPHEROSVILLE SOMERSET 1 N SPRINGFIELO STEARNS	4.67 5.86 4.99 5.12 5.44						•02	• 27 • 42 • 34	678 T	. 9	9 1 • 3	78 39 e	02	•29 •29 •03 •08 •09		.36	•43 •40 •24 •27 1•20		•01							• 0 2 • 5 0 • 2 4 T	.80	+23 +12					.04 .12 .07	
SUMMER SHADE SUMMER SHADE SUBSTA TAYLDRSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	3 • 70 3 • 63 4 • 93 4 • 77 6 • 24							.24 .02 .20	•80	1.7 .4 1.0 .7 3.1	9 1.3	72		•14 •35 •38 •36			•22 •54 •83 •60	т								↑ ↑ •02 •11		•25 •19 •02		• 32 T	•10 •40	.05	.02 .04	•03 •02 •05 •02 •04
UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANCEBURG OAM 32 VANBUREN	2.96 3.73 3.88	•		о м1:	SSING			•57 •07		1.02				•20 •45 •16			∘52 ∘40									T •01	.50 .44	•30	T •06	•17 •23	T T		Т	T •04
WARSAW MARKLANO OAM	3+38		LUK	J 1912.	331110	•04	.07	• 70	e 25	• 3	4 + + 9	73		•32			• 25									۰05				.07				.02
WAYNESBURG 7 ME WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13	3.45 3.44 5.30 4.79 3.47		15					•10 •05	+53 +79	•2 •0 •0 •7	3 e2 2 e6 5 le4	12 50 80		•30 •40 •06 •35 •50	T •04	e13	•35 •41 •85 •27 •34	007								Т	•55 •85 1•35 •32 •98	•35 •57 •22	•13				.08 .03 .06	•02
WOLF CREEK DAM WOODSURY LOCK 4	5 • 63 4 • 07							s45		1.1				*10 *37			+56 +47	+02								• 06	•87 •46		.02	T • 06	•08 •04		•33	

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Sureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station mame, such as I2 SSW, indicate distance in miles and direction from the post office Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Moothly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Soowfall and Soow on Ground" Table are the water equivalent of soow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; coosequently occasional drifting and other causes of local variability in the snowpack result to apparent loconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include soow and sleet. Entries of snow on ground include snow, sleet and ice.

Data to the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wiod" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T. In the Station Index the letters C, G, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bullaxin. G "Soil Temperature" Table.

 B "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or soow on ground in that month, J "Supplemental Data" Table.

OTHER REFERENCE NOTES

- OTHER REFERENCE NOTES

 No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by oo entry.

 No record in the "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snew on Ground" Table; and the Station Index.

 Fastest observed one insure wind speed. This station is not equipped with automatic wind instruments.

 Amount iocluded in following measurement, time distribution worknown.

 Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

 Gage is equipped with a windshied.

 Thie entry io time of observation column in Station lodex means after rain.

 Data based on observational day ending before moon.

 Water equivalent of showfall wholly or partly estimated, using a ratio of 1 toch water equivalent to every 10 inches of new snowfall.

 Once or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this etation, have been adjusted to represent the value for a full month.

 Amounts from recording age. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

 This entry in time of observation column in Station index means observation made near sunset.

 Includes total for previous month.

 Observation time is 1000 a.m., EST of the following day.

 This entry in time of observation column in Station lndex means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documente, Government Printing Office, Washington, D. C.

Information concerning the hietory of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation Bietory" for this etate. That publication may be obtained from the Buperintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau etations and the latest annual jeeue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Bubscription Price: 20 cente per copy, monthly and annual; \$2.50 per year. (Yearly subscription includee the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

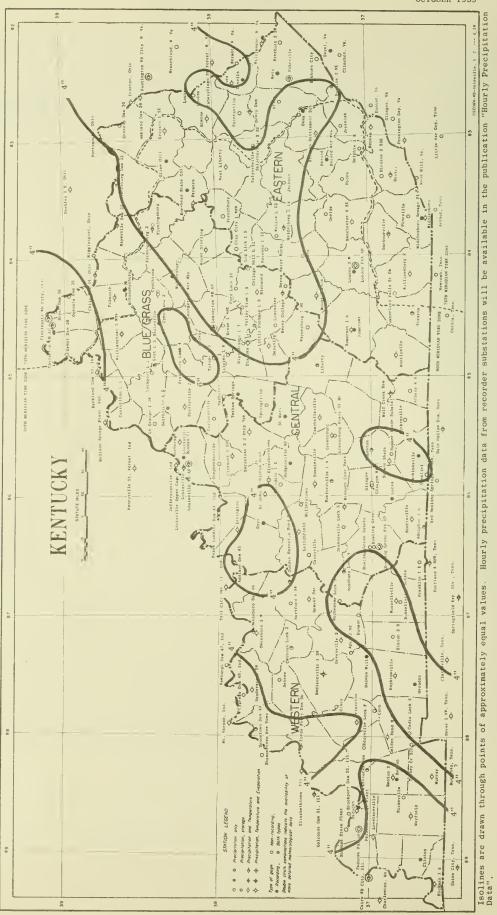
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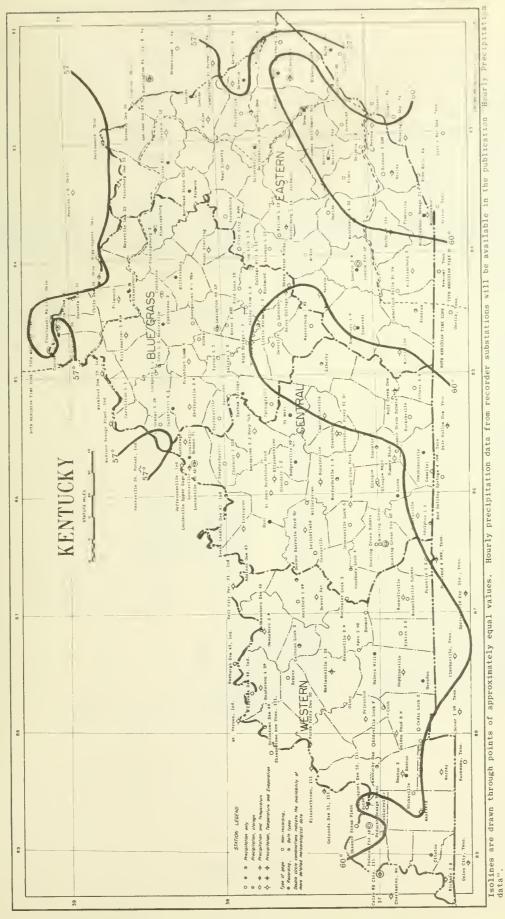
															Ð	ay O	l Mor	th															75
Station		1	2	3	4	5	6	7	0	9	10	11	12	13	14	15	16	17 1	1.0	19	20	21	22 2	23 :	24 2	25	26	27	2.0	29	30	31	Ave
ANCHORAGE	MAX M1N	80	nn n1	90	91	89 64	74 66	77 59	72 60	69 46	61 43	71	63	45	5.3 4.0	64			6.2	5.3	40	75 4.5			6.4	44 Es 5 23	50 18	% 1 1B	57 28	7. F	51		49.7
ASHLAND DAM 29	MAX	7 n 62	78 4.7	89	62	90	85 64	61 60	7.6 5.9	79 64	7.8 5.2	74 60	66	51 41	49	64	40	7 % 4 %	6.2	5.5	7.7	7 6a 6a 6a	7 to to 7	5.4	63	42	4	45	12	37	4.6		10.4
BARBOURVILLE	MAX MIN	76 63	89	84	90	90	6 9 5 9	68 58	86 65	60 60	80		67 39		60 46	65	74 39	43	40	71 10	16	74 18	7 23 44 44	410	10	19	36	19	29	37	4.6		46.6
BARDSTOWN S J PREP SCH	MAX MIN	82 51	87	90 57	9 Z 64	91 69	8.5 6.7	85 57	76 63	74 49	63 65	76 96	72	61	51 47	65 34	73 36	73 41	70	71	7 % % }	16	79 4.1	/1 5/,	64	10	51	19	27	57	54	55	44.5
BAXTER	MAX MIN	70 62	74 56	82	83	67 59	87 60	81 61	7.6 6.2	73 65	78 60	78 60	75 40	70 40	62 49	52 44	65 42	72 43	72 46	6.5	71	36	4.1	78 51	66	39	4, % - Ei	37	39	36	37	52	70+0
BEAVER DAM	MAX MIN	80	85	90 60	90 64	88 67	79 68	7.8 9.8	78 64	73 44	84	74 56	64 38	9.8	61 44	66	12 37	71 42	61 32	71	75 43	76 42	77	72 61	65 48	39	56 39	41	58	3.5	55	59	71.2 47.5
8 E NHA M	MAX	66	70 54	81	87 57	83 53	87 57	87 59	79 61	73 61	79 56	78 52	75 37	71 40	63 45	61 43	63	7.4c 3.B	71 43	6 / 31	72 33	75 36	72 40	76 53	50	5.7 3.9	53	37	3.5	63	40	70 52	10.5
BENTON 2	MAX M1N	78 92	86 52	90 60	89	85 60	80 65	8 0 5 2	83 59	72 43		71 40	68 40	57 40	60 47	66 33	74 35	71 39	62 31	72 30	75 38	7 % 3 B	76 38	72 60		64	57 42	39	29	32	55	53	71.2
BEREA COLLEGE	MAX	86	85	90 62	90 68	93 65	80 60	65 57	82 63	78 51	89 50	82 50	75 33	70 41	55 41	73 33	75 36	74	63	71 32	76 42	81 41	81 43	78 52	66 44	60 39	5 B 4 1	36	60 25	31	72 51	74 54	74.9
BLAINE	MAX MIN	71 58	82 52	88	90 53	89 5A	86 56	86 58	80 53	79 57	77 49	72 56	67 31	61 36	94 41	64 40	74 31	75 34	66	70 25	76 28	75 38	78 39	72 47	63 45	50 38	51 36	50 42	27	70	48	54	71.6
BONNIEVILLE	MAX MIN	81 51	87 50	89 55	90 61	90 68	80 64	77 56	75 63	72 49	83 45	74 57	64 38	59 50	53 45	66 33	73 36	74 41	63 34	7 I 3 2	74 39	7.8 40	7 7 4 2	65 55	63 47	48	64 35	38	29	63 29	66 54	59	70.8
SOWLING GREEN FAA AP	MAX M1N	82 53	86 54	88 58	92 62	87 69	74 61	77 58	73 65	75 50	88	74 48	61 43	61 50	60 41	69 37	73 39	75 45	64 36	71 34	77 43	76 43	78 47	66 55	56 47	48 38	71 41	48 32	56 28	6I 37	65 54	59	70.8
CAMPBELLSVILLE	MAX M1N	84 53	8 8 55	89 59	91 62	91 67	81 64	79 59	77 64	73 54	84 50	81 58	71 40	58 50	54 45	67 38	72 39	75 46	64 36	7 2 34	74 45	78 44	78 48	75 58	62 47	47 38	40	55 39	30	64 38	69 52	63 58	72.2
CARROLLTON LOCK 1	MAX	79 53	83 50	89 59	90 65	90 69	78 66	75 62	75 60	72 49	80 41	77 55	66 36	63 43	54 42	62 35	72 37	71 43	59 35	6 8 3 2	73 38	73 38	75 42	72 52	66 45	46 39	53 40	50 43	31	67 30	70 48	69	70.0
CLERMONT 1 SSE	MAX M1N	82	86 50		91	94 70	91 66	78 61	83 61	75 47	83 42	84 56	74 35	69 47	53 43	67 31	76 34	76 42	67 32	72 31	76 40	78 41	80 43	82 54	67 46	48 39	50 37	52 40		67 31	70 53	68 59	73.8
COVINGTON WE AIRPORT	MAX	76 53	82 56		66	8 8 69	74 62	76 61	71 61	68 47	78 45	70 45	61 36	50	52 38	63 35	72 43	63 40	60 29	6.8 3.6		70	76 48	65 54	54 40	42 37		39	31	66 33	70 52	63 57	67.0
CYNTHIANA 2	MAX M1N	74 53			93		92 62	79 55	81 54	76 57	72 42	83 49	72 35	65 41	51 44	53 36		74 40	72 31	62 30	70 35		76 41	78 45	67 39	55 39	38	50 42	26		70	75 55	70.5
DANVILLE	MAX M1N				90 54	90	90 65	75 57	81 58	76 57	75 50	83 54	75 39	66 39	56 44	50 37		72 40	74 35	62 35	68 35	75 44	76 44	78 48	64 47	53 38	38	52 38	29	29	36	70 52	70.3
DEWEY DAM	MAX				89 57			85 59	82 58	77 63	82 56	77 58	73 36	68 36	58 46	55 45	65 45	74 40	75 44	69 33		76 37	73 45	77 51	51	62 43			39	34	34	52	71.3
D1X DAM	MAX M1N							80 59	78 63	75 56	82 49	75 55		65 48	55 45		73 39	74 46	72 36				78 56	66 59	63 45	38			29	37	55	59	49.5
EL I ZABETHTOWN	MAX							80 62		71 53	82 42		65 37	63 45	55 44			74 42	72 34				76 39	62	65 46	49	38	44	30	34			47.3
FALMOUTH	MAM							80 55		72 54	82 42							71 34	63 33				78 40	66 48	63 45	51 39	37	44	2.8	2.8	46	58	44.5
FARMERS	MAX							81 53	81 56	76 64	82 53							75 38	64 35				78 43	74 52	65 47	48	3.8		28	27	50	58	
FLEMINGSBURG 2	MAX M1R							77 55	77 57	74 57	82 43	71 53	64 35					72 44	61 31				77 50		61 50		3 40	4]	2.8	3 3 1	52	58	
FORDS FERRY DAM 50	MA:							78 57			85							64 47	60 37				78 50			55	7 44	4)	34	3.8	5.5		50.0
FRANKFORT LOCK 4	MA:							74 56			70 45							74 39	74 37	7 34	3 :	5 39	43		50) 40	4	1 31	3 (32	55	69.9
GLASGOW WKAY	MA:					4 8	9 78 8 65			50	4.8	56	5 41	50) 45	3 9	38	45	36	3 :	3 42	2 43	47	60	45	35	9 39	3	7 2	9 3	7 53	57	48.0
GOLDEN POND 8 N	MA M1	X 8		7 8	9 9	0 8	9 80	53	83	43	43	5 5 3	3 3 9	4 9	9 43	3 33	3 34	39	33	3	1 3,	6 77 9 39	44	60	47	4.	2 39	9 3	9 2	7 3	3 54	> >8	73.2
GRAYSON 1 SE	MA M1			5 7 4 5		8 9 9 6			83 56		71	9 49	9 35	6:	5 52 7 43	3 39	3 63	35	33	3 2	9 31		39	44	52	4(0 40) 4	1 2	7 2		51	43.6
GREENSBURG	MA M1			4 8 1 5	9 9	1 9	2 92 4 66		7 60				5 76			4 5: 3 3:		74	75		5 7	1 76 6 40	43	45	47	40		3	8 3	0 3	3 63	2 55	45.7
GREENVILLE 2 W	MA MI			7 8		9 8	7 78	5		2 43			9 6:		5 59		6 38	3	35	5 3	2 4	2 42	4.5	61		4	1 3		2 2		5 5	4 58	71.0
HEIDELBERG LOCK 14	MA M1			0 8		0 9	0 87 8 59	8 5	2 80	2 6	5 8	6 59	8 7: 9 3:	1 6	4 5° 8 4°	7 6		3 74	2 39	9 2		2 41	41	. 48	3 45	5 4	0 50	9 4	3 3	0 3	0 5	1 56	3 71.9 6 46.7 0 70.7
HENDERSON 7 SSW	мд м1			34 8 34 6		9 8	8 6		8 83		8 9 4	5 79	5 6 9 3	9 4		9 6	5 39	9 44	3	4 3	3 4	5 7	46	5 5	5 47	7 3	5 5	0 4	2 3	0 3	5 5	3 58	8 47.1 0 73.9
HICKMAN 1 E	MA M1			88 8			7 6	8 5	0 89	5 8	5 8	0 8	8 6	8 6	2 6	3 6 3		9 4	3 3	8 6 6	5 7	3 76	3 48	3 5	2 44	4	6 6	5 3	6 2	9 3	6 4	4 40	6 46.6
HINDMAN SETTLEMENT SCH	M.A M.I	I N																		1								0		,	2	9 6	9 72 1
HOPK INSVILLE		AX 8	31 8	32 8 54 5	9	90 9	0 8	9 8	0 8 7 6	0 7	1 4	0 9	, 4	7	0 7	7 2																	8 72.1 3 48.0
INEZ	M) M	1N :	51		7	51 5	0 8	5 4	6 4	6 4	3 5	0 4	6 3	0 3	0 4	1 3		1 3	4)	2			5 3	7 4		4 3	16 3	3 3	9 3	2 2	4 4	4 5	6 70.8 0 39.6
1RV1NGTON		AX 8	53	87 G	52	92 65	90 8	0 8	1 7	5 6	9 8	3 5	6 6	7 4	5 5	8 6	5 7	7 4	4 6 3 3	31 3	1 7	76 7 +3 4	5 4	5 5	8 4	6 3	88 3	8 4	0 2	8 3	18 5	3 5	5 70.9 8 47.1

KENTUCKY OCTOBER 1959

Continued	-	ΤĒ						-									Of M													_	ОСТО	BER	1959
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEITCHFIELO	MAX	79	80	89	91	88	76 68	78	74	69	85	73	63	56	56	64	77	73	63	70	74	76	75	69	62	47	60	53	56	64	67	66	70.1
LEXINGTON W8 AIRPORT	MAX	81	83 56	88	91 67	89 69	76 61	79 58	76 62	46 71 51	80	72	64	50	49	36 63	72	71	37 60	37 68	48 72	73	75	61	42 54	39 43	38 50	43 47	33 53	37 66	70	58 62	49.6 68.3
LONDON FAA AIRPORT	MAX	78 57	82 53	86 59	88	88	80	81	78 65	74 59	79	72	66	61	50	39 62	69	70	61	39 67	73	71	52 76	61	53	39 42	39 62	35 47	32 58	37 62	54 68	59 61	48.8 68.6
LOUISVILLE	MAX	82	88 57	91 60	92	92 70	80	79	76 62	71 45	58 84 47	43 79 55	38 67	59	55	66	36 75	69	35 64	71	37 76	76	82	69	65	38 46	37 52	36 53	30 57	34 69	52 68	56 67	46.5 71.6
LOUISVILLE WB AR	MAX	80	87 56	91 61	92	92 70	76 63	79	75 63	69	83	73 49	66	55	54	37 67	75	69	62	72	76	76	79	69	56	40	43 52	41 51	31 57	36 67	68	58	70.3
LOVELACEVILLE	MAX	78	87	88	88	80	79 65	81	83	75 40	87 45	80 51	39 60 43	56 50	39 61 43	70 35	77 38	70 42	34 64 34	35 74 32	77	77	79	55 74	62	59	58	40 55	31 58	36 60	64	73	72.1
MAOISONVILLE 1 SE	MAX	78 52	85 51	89	88	87 68	78 68	79	83	78 42	85	78 54	63	57	60	65	75 37	68	62	72 32	36 75 42	47 77 42	74	62 72 59	48 64 49	55	56	38 55	57	35 61	63	70	71.3
MAMMOTH CAVE PARK	MAX	83	88	89	92	90 62	89	74	71 52	80	84	80 51	69	63	58	67	73 37	78 43	65	69	72 48	75	73 49	70 58	62	50	38 64	55	30 57	62	61	65	71.9
MANCHESTER 4 SE	MAX	76 62	80	88	90	90	83	89	77	80	80	79 59	71	65	59 47	64	73 38	77	67	70 24	77	72 41	79 46	68	65 47	38 48	38 63 37	60	61	39 65	70	66	72.6
MAYFIELO	MAX	79	78 55	87	88	82	79 65	81	84	67	85	79 55	62	57 51	61	68	73 37	66	62	72	75 41	78	77	71 58	55	40 58 43	65	53 37	31 57	35 57	63	73	70.7
MAYSVILLE OAM 33	MAX	71 63	77 55	78 55	89	90 62	90	81	77 55	73 62	73	79 45	72 35	63	51 45	52	62	73 39	69	62	68	76 36	74 41	76 45	65	56 41	46 45 40	55 41	31 48 29	46 54 29	54 67 32	73 50	69.0
MIODLESBORO	MAX	78 58	86 52	86 53	88	88	85 58	79 60	74 64	80	78	76 64	73	66	58 49	67	73 39	75 44	67	73 30	74 32	74	77	72 53	63	50	62	64	62	64	70	67	72.5
MONTICELLO	MAX MIN	83	87 53	89	91	92	82	82	79	71 60	82	76 62	67	62	59 47	65	74 37	74 45	66	71 31	75 34	74 39	78 45	67	63	49	68	56 39	59 28	61	52 68 53	65	72.1 48.7
MOUNT STERLING	MAX MIN	73 58	78 52	90	90	88	85 58	80	78	75 58	82 46	76 58	70 38	58 45	51 41	62	73	75 44	68	67	76 43	75 48	77 48	74 55	63	47	47 37	50	55 28	70 32	73 52	70 57	70.8
MOUNT VERNON	MAX	88	86 70	88	88	89	79	80	87	79 65	70 63	73 54	75 50	70	69	64	70 39	72 42	65	68	72 40	72	76 48	65	62	55 37	60	62	59 27	63	71 54	64	72.3
MURRAY	MAX	87 55	88	90 65	90	86 69	80	80	85 63	70	86	78 55	60	60	62	68	76 41	70	65	74 36	76 49	76 46	77 51	72 58	59	59 43	70	55	59	57 37	63	70	48.5 72.5 49.8
OWENSBORO 2 W	MAX MIN	81 52	89 54	90	91 65	88 68	80	80 56	83	75 41	85 45	78 55	67 41	56 49	60	69	76 39	68	63	74 34	77 42	80	79	74 60	65 48	49	53	53	61	65	66	67	72.3
RADUCAH FAA AIRPORT	MAX	77	86 57	87 69	86 69	82 69	77	79 57	83	69	84	69	55	55	60	67	73	65	61	71	75 40	76	77	66	66	52	57	50	57	60	65 55	71 57	69.6
PAOUCAH	MAX MIN	81 54	88 56	90 64	90 67	84 68	80 65	80	85 62	77 42	86 45	78 52	64	56 50	62	67	74 41	69 45	64	71	77	77	78 49	75 62	65	59	57	64	59	62	64 55	75 59	72.8
RIKEVILLE	MAX MIN	69 65	83 59	89 57	92 61	91 63	87 61	85 62	78 66	83 66	81	76 58	72 41	58 47	57 48	64	76 43	76 47	66	72 35	76 37	71	79 50	68	61	56 43	55	51	64	69 36	74 51	65	72 · 4 51 · 1
PR INCE TON	MAX MIN	81	88 52	90	89 62	80 66	78 64	82 54	85 60	72	86	74 55	58	56 50	63	70	77 38	69 42	62	75 34	77 39	80	78 47	71 60	63	59	56 41	54	60	60	64	74	72.0 47.5
R I CHMONO	MAX MIN	75 58	78 54	81 58	88 64	89 65	90 66	78 56	79 59	79 60	74 48	81 55	72 38	65 40	54 43	50 34	62 34	72 40	73 36	61 32	68 36	74	74 46	77 53	64	53	46	51	46 31	55 32	65	71	69.2
RUSSELLVILLE	MAX	82	88 53	8 8 5 8	91 62	8 8 6 9	76 66	78 60	74 64	70 47	85 47	74 57	64 42	59 52	62 46	66 35	72 38	75 43	63	73 32	75 43	77	78 47	69 60	60	53 42	71 39	59 39	58 29	57 38	62 54	65 58	71 • 4 48 • 3
SCOTTSVILLE	MAX MIN	86 52	88 54	89 62	90 64	91 66	80 67	81 60	74 67	72 50	86 51	76 58	68	62 52	59 46	66	73 41	75 44	68	73 32	76 47	78 43	77 50	74 61	63	51	73 39	61	58 27	59 41	66	63	72.8
SHEL8YVILLE 2 W	MAX MIN	81 52	85 55	90	91 64	91 67	81 66	79 59	74 61	76 48	87 45	79 56	65 36	63 48	52 43	64	72 40	70 44	61	69 35	74 43	74 45	76 48	73 57	64	47	49 39	50	56 28	67 34	70 55	66	70.8
SOMERSET 1 N	MAX MIN	82 54	83 52	88 55	89 58	90 64	78 60	81 53	78 66	66	80 53	73 58	66	61	57 44	64	71 35	74	62	70 31	74 38	73	77 47	66 54	63	48 37	66 38	51 36	57 28	60 35	67 51	64	70.3 46.7
SUMMER SHADE	MAX MIN		85 52			90 69			74 66		-	75 59					71 45							68 59		50 39					68 53		70.9 48.5
VANCEBURG DAM 32	MAX MIN	77 60	77 54	90 50	91 61		83	77	76	- 1	80	73 57	70	60 39	53	61	71		61	65		72	73 46	68 54	61	51 40	54	48	63		72	67	70.0 45.8
WARSAW MARKLAND OAM	MAX MIN	84 55	88 51	92 60	91 63	91	74 65	80	75 65	70	85	70 55	66	55 45	55	67	71 41		65	74	74	73	76 47	67 55	56 45		55	50 44	55		73		70.4 48.7
WEST LIBERTY	MAX MIN	69 60	70 52	78 51	88 55	88	89 58	83	82 58	79	76	79	72	66		51	64	73 36	74 34		68 30		72 42	76 48	65	59 39	44	51	48	57	70 28	72	69.5
WILLIAMSBURG 2	MAX MIN	82 61	80 55	86	89 58	91	91 63	82	84	79	79	80	78	75	63	50	68	78 41	78	69	72 33	82	75	81 54	71		48	66	49	80	63		74.3 47.0
WILLIAMSTOWN 5 WSW	MAX MIN	72	78 51	85	90	91	91 66	72		72	68	82	70	63		52	64		67	60	70 37	72	74	76 48	63	52 36	43	53	46	55 28	68	72	68.4
WOLF CREEK DAM	MAX MIN	83	82	88	90		92	76	83	79	80	82	75	70	68	54	65 39	74	75	63	70	74	74 41	76	69	56 40	48	73	49	58 29	61	67	72.4 44.2
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																1	Day of	lmon															
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	21	24	25	26	27	28	29	30	51	A Se A
	EVAP W1ND			.12	. 14 B	,11		.08		,00	.13		. 17		5	.10	08		15 12		08	05 4	08 2	,06 8	- 6	43	21	6	00 N		• 0		B2 05 235
DIX DAM	EVAP W18D			. 16				.09			.17	.14	, 27 50	.12			. 04 5	, 06 4	16 37	12 30	.12	01 10	11	10 20	75		87			05 8	1	2	904
WOLF CRNKK DAM	EVAP W1ND				.17	.13	.19	.05	.12 30	28	, 25 30			.10 25		30	48		15 25		.12			.08	54		33	.03 46	13	,04 28	30		909





		C NO.		IGE 1	UDE	TUDE	NOIL	ОВ	IME	VAT	ON D	0000000000
	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL (RZZ WOTEN)	OBSERVER
	ADDISON DAM 45 ALBANY 4 M ALLEM ARCHORAGE APEX 2 RE	0031 0045 0095 0195 0185	BRECKIMRIDGE CLINTON FLOYD JEFFERSON MUMLERBERG	7 2 1 7 3	37 55 38 45 37 35 38 16 37 08	86 34 85 08 82 43 85 33 87 19	380 1000 658 T00 510	7P	8 A 7 A 8 A 7 A		c	CORPS OF ERGINEENS MRS.BARBARA R. COOL NAMNIE AUXIER G. E. BARRET SPENCER PROWSE
	ASHLAND DAN 29 BANBOURVILLE BANDSTOWM S J PREP 6CH BAXTER BEAVER DAN	0294 0381 0397 0450 0490	BDYD KMOX NELSON HARLAR OMIO	T 2 8 2 3	38 27 36 52 37 48 36 51 37 25	82 38 83 53 85 28 83 20 86 52	551 1000 631 1164 441	6R 6P 6P TA 6P	7A 6P 6R 7A 6P		C R C	CORPS OF ENGINEERS UNIOR COLLEGE ST. JOSEPH PRER. SCHOOL C. HOMER MOLAR E. G. YOURG
	BENNAM BENTON DERTON 2 BEREA COLLEGE BEREA WATER WOWKS	0595 0611 0615 0619	LEADS AR	2 9 9 4	36 58 36 51 36 51 37 34 37 33	82 57 88 20 88 20 84 I8 84 I\$	1585 398 305 1070 1010	8A 5P 6P	8A 5P 6P 7A		с н	C. C. WMITEAKER JAMES M. NILLER RADIO STATION WCBL JAMES A. GROSSMAN MRS. LAURA B. GABBARD
	BLAIRE BONNIEVILLE BOWLIRG GREEN BOWLING GREEN SUBSTA BOWLING GREEN FAA AR	0752 0854 0904 0907 0909	LAWRERCE HART WARRER WARRER WARRER	3 3 3	38 02 37 23 37 00 37 01 36 58	82 50 85 54 86 26 86 26 86 26	670 702 536 470 535	6P 6P MID	6P 6P 7A 5A MID		н	A. EMOCH WHEELER MAROLO WALTERS JAMES R. EDWARDS TVA-639 FEO. AVIATION AGENCY
	BRENT DAR 36 BROWNSVILLE LOCK 6 BURDINE 2 NE BURKESVILLE CADIZ LOCK E	0978 1048 1120 1137	CAMPBELL EDMONSOM PIKE COMBERLAND TRIGG	1 1 2 2	39 03 37 12 37 13 36 47 36 46	84 25 86 16 82 35 85 22 8T 58	497 410 1643 600 424		TA 7A 8A 7A TA		c	CORPS OF ENGINEERS ELDRIDGE SKAGGS EOWIN E. JOHRSON HARVIN N. LEE CORPS OF ENGINEERS
	CALHOUR LOCK 2 CAMPBELLSVILLE CANEYVILLE CARROLLION LOCK 1 CLAY CITY 1 WAW	1227 1238 1294 1345 1576	HC LEAN TAYLON GRAYSON CARROLL POWELL	3 3 4 4	37 32 37 20 37 23 38 41 37 52	87 16 85 21 86 30 85 11 83 56	402 771 600 480 712	8P 6P	7A 6P TA 6A TA		c c	CORPS OF ENGINEERS ALVA NC KINLEY G. V. COX SR. CORRS OF ENGIREERS JOEL W. NOURTZ
,	CLERMONT 1 SSE CLINTON COBB COLLEGE HILL LOCK 11 COVIRGTOM WB AIRPORT	1704	BULLITT HICKMAN CALOWELL ESTILL BOOME	8 6 2 4 7	37 55 38 41 36 59 37 4T 39 04	85 40 89 00 87 4T 84 06 84 40	540 390 490 611 669	5P MID	TA TA TA NIO		с с н <i>э</i>	BERNHEIM FOURDATION WOODSOM O. FRANKLIR MRS BENNIE B. WHITE CORPS OF ENGINEERS U.S. WEATHER BUREAU
	CUMBERLAND FALLS ST PK CYNTHIARA CYNTHIARA 2 DANVILLE DAVELLA	2989 1998 2003 2040 2053	WHITLEY MARRISON MARRISON BOYLE NARTIR	5 5 4	36 50 38 23 38 23 37 39 37 48	84 19 84 14 84 17 84 46 82 32	10T0 684 719 959 718	8A 7A	5P TA 8A 74		н м с	KY. DEPT. OF CONS. MARSHALL MILL KY. CARDINAL DAIRY R. P. COLDIRON MRS. EV4 N. DAVIS
	DELPMIA 1 E DEMA DEWEY DAN DIX DAN DUNGEE BARRETTS FORD BR	2358	RERRY KNOTT FLOYO RERCER OHIO	1 1 4 3	37 02 37 25 37 45 37 48 37 33	83 07 82 48 82 47 84 43 86 43	1647 850 653 8T0 440	7A 4P	8A 7A 7A 7A	7A TA	c c	BALLARO F. WALKER, JR. HATTIE B. BARNEY CORPS OF ENGINEERS PHILLIP O. THACKER JESSE L. MUFF
	DURNOR DYER EOGYVILLE LOCK F EDMONTON EL12ABETHTOWN	2366 2391 2445 2489 2510	MUHLERBENG BRECKENRIDGE LYON NETCALFE HARDIR	3 2 3 3	37 05 37 43 37 03 37 00 37 41	87 00 86 13 88 05 85 37 85 53	592 793 420 865 739	6P	74 7A 7A 6P		C M	N. O. GIVENS LENA BLAIR CORPS OF ENGINEERS JOHN E. MORAN RADIO STATION WIEL
	ELKHORN CITY ELKTON 2 S FALMOUTH FARMER S FLENINGSBURG	2528	PIKE	2 5 5 5	37 18 36 47 38 40 38 09 38 25	82 21 87 10 84 20 83 33 83 43	800 520 560 668 870	6P 4P	7A 7A 7A 7A 7A		н	EOMONO O. BENNETT S. RICHARD ANDERSON FRANK M. LAWSON MRS. C. C. STAMPER MRS. JEAN FLENING
	FLENIRGSBURG 2 FORD LOCK 10 FORDS FERRY DAN 30 FRANKFORT LOCK 4 FRANKLIN 1 E	2908 2953 2961 3028 3036	FLEMIRG MADISON CRITTENGEN FRANKLIN SIMPSON	5 4 7 4 3	38 25 37 54 37 28 38 14 36 43	83 45 84 16 88 06 84 52 86 34	911 680 396 504 690	6P 6P 6A	MID 6A 6A 6A 7A		с с н	WILLIAM H. FISCHER CORPS OF EMGINEERS CORPS OF EMGINEERS CORPS OF EMGINEERS MRS KATIE D. NEAL
	FREEBURN 2 SW FRENCHBURG GAMALIEL GEORGETOWN WATER HOPKS GEST LOCK 3	3046 3052 3112 3194 3203	PIKE NENIFEE MONROE SCOTT HENRY	1 5 3 4	37 33 37 57 36 38 38 12 38 25	82 10 83 39 85 48 84 33 84 53	730 864 860 888 490		7A 8A 7A	ı	СМ	MRS ALTA SO GOOSLIN MISS ESTHER WILSON EO GUY DEGKARO WILLIAM FO BRAMBLETT CDRPS OF ENGINEERS
	GLASGOW WKAY GLASGOW WKAY GLENDALE 1 E GOLDER POND 8 R GRANT DAR 38	3241 3246 3252 3295 3358	BARREM BARREM HARDIN TRIGG BOONE	3 3 2 7	37 00 37 00 37 36 36 54 38 59	85 55 85 55 85 54 88 00 84 50	780 808 710 393 503	6P 4R	7A 6P 7A 4P 7A			EMILY No BEAM RAGIO STATION WKAY DEWEY So MILL FISH + MIDLE: REFUGE CORPS OF ENGINEERS
	GRAYSON 1 5E GREENSBURG GREENSBURG HIWAY 61 BR GREENUP DAN 30 GREENVILLE 2 W	3392 3430 3435 3443 3451	CARTEN GREEN GREEN GREENUP NUMLENBERG	7 3 3 7 3	30 19 37 15 37 15 30 37 37 12	82 56 85 30 85 30 82 51 87 12	900 630 590 538 519	6A 7A 5P	6A TA 7A 7A 5P			ALBERT G. SWANAGAN MOWARO PICKETT LYNN T. BLAKENAN CORP OF ENGINEERS C. R. LOVELL
	MALEYS MILL HARTFORD 6 RW MAZARD MAZARD WATER WORKS HEIDELBENG LOCK 14	3539 3652 3709 3714 3741		3 4 4 4	37 03 37 32 37 15 37 15 37 38	87 20 86 54 83 12 83 11 83 46	740 429 869 880 663	5P	8A 7A 6A		с с с н	CLEATUS E. BRINKLEY DAVIO K. CARSOM M. A. BAILEY LEE J. MOGSTOM CORPS OF ENGINEERS
	HENDERSON 7 SSW HERNDON MICKPAN 1 E MICKSVILLE MIGH BPIOGE LOCK T	3762 3798 3816	HERDERSOR CHN1ST1AR FULTON GRAVES JESSARIRE	7 2 6 9 4	37 45 36 44 36 34 36 48 37 49	87 38 87 34 89 10 88 30 84 43	382 512 440 544	6R 7A	6P 7A 7A 6A		с	FRANK STREET C. W. KEATTS MRS. RELL S. CALVIR TVA-679 CORPS OF ENGINEERS
	MINDMAR SETTLEMENT SCH HODGERVILLE RAT PARK HOPKINSVILLE HYDEN INEZ	38 99 3929 3994 4093 4134	KNOTT LANUE CHRISTIAN LESLIE MARTIN	3 2 4 1	37 20 37 32 36 51 37 10 37 52	82 59 85 44 87 38 83 23 82 32	1080 788 540 638	8A 7A 6P	7A 7A 6P		СМ	HINDMAN SETTLEMENT SCHO NATIONAL PANK SERVICE NEWELL FO SNITM MRSO FERN FO ELAN UNITEO FUEL GAS COO
	INVIRGTON JACKSON JENEREAM KEENE 1 MME KENTUCKY DAM	4165 4196 4255 4369 4414	BRECKINMIDGE BREATHITT LETCHEN JESSANINE LIVINGSTON	3 4 4 9	37 53 37 33 37 10 37 57 37 01	86 17 83 23 82 56 84 38 88 16	546 799 1150 941 362	79	7P 7A 5P 7A 5A		н	FLOYD G. ROBBINS JAMES O. MALONEY HOBART ISON NUCH W. BUFFIN TVA-379~A
	LA GNARGE 1 SW LARCASTEN LEITCHFIELO LEXIRGTON WB AIRPORT LIBERTY	45 95 462 0 4 703 4746	OLDWAN GARRAND GNAYSON FAYETTE CASEY	7 4 3 4 3	38 24 37 37 37 29 38 02 37 21	85 24 84 35 86 18 84 36 84 55	874 1032 643 979 772	6P H10	6A 8A 8A NID 7A		C MJ	ALBERT V. HARDIR KENTUCKY UTILITIES CO. CLYDE STIKELEATHER US. WEATHER BUREAU PALLIA F. HANKLA

												OCTOBER 1959
	STATION	X NO.	COUNTY	AGE ‡	LATITUDE	ONGITUDE	ELEVATION		SERV IME TAE		D	OBSERVER
		INDEX		DRAINAGE		LONG	ELEV	TEMP.	PRECIP.	EVAP.	SPECIAL SEE NOTES	
			JESSAMINE HEMRY CLARK LAUREL LAUREL	4 4 2 2	37 45 38 28 37 51 37 0T 37 05	84 35 84 58 84 02 84 06 84 05	560 485 773 1280 1191	MID	TA 6A MIO		С С С	CORPS OF ENGINEERS CORPS OF ENGINEERS HUBERT BURGHER SUE BENNETT COLLEGE FED. AVIATION AGENCY
,	LOUISA 2 LOUISVILLE LOUISVILLE BOWMAN FLD LOUISVILLE WB AP	4943 4946 4949 4951 4954	LAWRENCE LAWRENCE JEFFERSON JEFFERSON JEFFERSON	1 1 7 7	38 07 38 07 38 14 38 13 38 11	82 37 82 36 85 46 85 40 85 44	582 585 462 558 474	6P N1D	8A 6P MID		C HJ	CHARLES F. BRANMAM MAROLD C. FERGUSON LOUISVILLE G. + E. CO. CORPS OF ENGINEERS U.S. WEATHER BUREAU
	LOUISVILLE UPPEP GAGE LOVELACEVILLE LUCAS MADISONVILLE 1 SE MAMMOTH CAVE PARK	4955 4967 5002 5067 5097	JEFFERSON BALLARO BARRER HOPKINS EOMONSON	7 6 3 3 3	38 1T 36 58 36 53 37 19 37 11	85 48 88 50 86 02 87 29 86 06	403 370 T38 439 800	6R 5P 5P	6A 6P 7A 5P	7A	C C M	CORPS OF ENGINEERS BLAINE MALONE WILLARD E. FOSTER HOMER WELBORN: JR: NATIONAL PARK SERVICE
		5111 5230 5243 5291 5301	CLAY GRAVES MASON JACKSON PENDLETON	6 7 2 5	37 06 36 44 38 38 37 26 38 36	83 43 88 39 83 42 84 00 84 18	850 364 515 1000 662	6R 6P T4	TA 7A 7A TA		СН	MORA S. WHITE MAYFIELD ELEC.+ WTR.CO. CORPS OF ENGINEERS MRS.WIRNIE W. MORAN RICMARO T. SYONOR
	META MIDDLESBORO NIDDLESBORO SEWAGE RL NIDWAY NILLERSBURG	5389 5394 5407 5430	PIKE BELL BELL WOODFORD BOURBOM	1 2 2 4 5	37 34 36 37 36 38 38 09 38 18	82 27 83 43 83 43 84 41 84 09	730 1130 1130 - 789	5P	7A 8A		C H	CHARLES MURRAY MRS. LELA M. HERRELL CITY OF MIDDLESBORO CITY OF MIDWAY DAVID C. BAILEY
	MILLERSTOWN MONTICELLO MOREHEAD STATE COLLEGE MOUNT STERLING MOUNT VERNOR		GPAYSON WAYNE ROWAN MONTGOMERY ROCK CASTLE	3 2 5 5	37 2T 36 50 38 11 38 04 37 21	86 03 84 50 83 26 83 56 84 20	588 960 770 930 1137	6R 5P 5P	7A 7A 5P 5P		н	OVA M. LAMLER ALVIN L. BERTRAM INACTIVE 9/57 FRED CARTNILL CITY OF MT. VERNON
	MUMFORDVILLE 1 N MURRAY OLIVE MILL 2 WNW OLNEY ONEIDA	5684 5694 6013 6020 6028	MART CALLOWAY CARTER HOPKINS CLAY	3 9 7 7	37 16 36 36 38 19 37 14 37 16	85 53 88 20 83 12 8T 47 83 39	636 622 895 533 750	6P	7A 6P 8A 7A		C H	EOWARD A. RICMAROSON MURRAY STATE COLLEGE GEORGE E. DUVAL MELVIE PARLEE NEISZ MPS. ANNA L. BROWN
	ONEONTA DAM 35 OWENSBORO 2 W OWENSBORO 04M 46 PADUCAH FA4 AIRPORT PADUCAH	6033 6091 6096 6110 6115	CAMRBELL OAVIESS OAVIESS MC CR4CKEN MC CRACKEN	7 7 7 7	38 58 37 46 37 47 37 04 37 08	84 18 87 09 87 07 88 46 88 37	512 420 404 398 340	6P MID 5P	7A 7A 6A HIO 5P		СН	CORPS OF ENGINEERS VIRGIL D. CLARK CORPS OF ENGINEERS FEO. 4VIATION AGENCY WESTERN P. LACKEY
	RADUCAH SEWAGE RLONT PAINTSVILLE PIKEVILLE PINEVILLE RRINCETON	6136 6353 6384 6575	MC CRACKEN JOHNSON PIKE BELL CALOWELL	7 1 1 2 2	37 06 37 49 37 29 36 45 37 06	88 36 82 48 82 31 83 42 87 53	325 620 686 1002 529	SP SR	74 8R 74 5P		С Н С М	CITY OF PADUCAM JESSE FAIRCHILD U.S. WEATMER BUREAU FOLEY PARTIN ALTON M. HARVILL
	RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA	6679 6805 6882 7049 7054	ESTILL MAGISON OMIO LOGAN LOGAN	3 3	37 40 37 44 37 13 36 51 36 50	83 57 84 18 86 54 86 53 86 54	634 1122 401 590 576	8A 6R	7A 8A 7A 74 7A		н	CORRS OF ENGINEERS THOMAS C. HERNDON CORRS OF ENGINEERS WM. B. RORTER TVA-683
	SADIEVILLE ST JOHN BETHLEHEN ACAD ST. MARY SALVISA LÖCK 6 SALVERSVILLE	7074 7091 7096 7121 7129	SCOTT MARDIR MARION WDOOFOND NAGOFFIR	4 8 8 4 5	38 23 37 42 37 35 37 56 37 45	84 33 85 59 85 21 84 49 83 05	791 777 743 490 859		64		c c	LAWRENCE ROGERS INACTIVE 8/59 JOHN B. BAUER CORPS OF ENGINEERS STANLEY GARDWER
	SALYERSVILLE 2 SE SCOTTSVILLE SCOTTSVILLE 2 SW SEGREE SHAWNEE STEAM PLART	7134 7215 7220 7234 7311	MAGOFFIN ALLEN ALLEN WEBSTER MC CRACKEN	5 3 3 7	37 44 36 45 36 44 37 36 37 09	83 03 86 12 86 13 87 32 88 47	920 770 760 348 345	5P	7A 5P 74 6P 7A			FORREST C. WILLIS NOBLE ALLEN MRS. 10ELL F. OEERING PAUL O. TOMPKINS TVA-709
	SMELBYVILLE 2 W SHEPHEROSVILLE SMITMFIELD 4 S SOMERSET SOMERSET 1 N	7508	BULLITT SMELBY PULASK I RULASK I	8 8 2 2	38 13 38 00 38 20 37 06 37 07	85 16 85 44 85 16 84 37 84 37	825 446 862 1050	6R 6P	7A 7A 6P		C C H	MRS. WILLIE S. ROTTO OVID K. MAGRUDER F. W. SIMRSON CORPS OF ENGINEERS RADIO STA WSFC
	SPRINGFIELD STEARNS SUMMER SMADE SUMMER SMADE SUBSTA TATMAM SPRINGS	7604 7677 7800 7805 7924	WASMINGTON MC CREARY METCALFE METCALFE WASMINGTON	8 2 3 3 8	37 41 36 43 36 53 36 53 37 52	85 14 84 29 85 43 85 40 85 09	738 1420 864 	6R	7A 7A 6R 7A		C H	WM. H. GOATLEY MMS GLADYS M. GRIFFITM CHAS. H. MC MURTREY TVA-684 R. C. DEDMAN
	TAYLORSVILLE TOMPKIMSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAM 49	8060	SPENCER MONROE TRIGG ANDERSON UNION	8 3 9 4 7	38 02 36 42 36 45 38 02 37 46	85 21 85 41 88 05 84 51 87 57	483 920 390 524 358		7A 74 7A 6A		c c	MRS. KATHRYN B. CARR STANLEY HURD TVA-680 CORRS OF ENGINEERS CORRS OF ENGINEERS
	VALLEY VIEW LOCK 9 VANBUREN VANCEBURG DAM 32 WARSAW MARKLANO DAM WAYNESBURG 7 ME	8246 8250 8259 8446 8486	JESSAMINE 4 MDERSOM LEWIS GALLATIN LINCOLN	8 7 7 2	37 51 37 58 38 39 38 46 37 25	84 26 85 10 83 21 84 58 84 36	571 550 525 466 1215	6R 7A	7A 7A 7A 7A 7A			CORPS OF ENGINEERS EVERETT M. MC GAUGHEY CORPS OF ENGINEERS CORPS OF ENGINEERS MRS. RITA RIDDER
		8551	MORGAN WHITLEY GRANT LEE PUSSELL	5 2 4 4 2	37 55 36 44 38 38 37 36 36 52	83 15 84 10 84 38 83 50 85 09	852 3010 914 649 585	8A 8A 7A	8A 8A 7A 6A 8A	8A	С	MRS. ELIZABETH BROWN ESTIL M. ME400WS HERRY MORTMCUTT CORPS OF ENGINEERS CORRS OF ENGINEERS
	WOOOBURY LOCK 4	8824	BUTLER	3	37 11	86 36	504		7A		c	CORRS OF ENGINEERS

\$ 1-BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPRI, 7-OHIO, 8-SALT; 9-TENNESSEE

See Page 11B for Reference Notes

USCOMM-WB-Asheville, N. C. -- 12/3/59 --- 800

551.05 UNKE

U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

NOVEMBER 1959 Volume LIV No. 11



KENTUCKY - NOVEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 81° on the 6th at Hopkinsville

Lowest Temperature: 3° on the 30th at Inez

Greatest Total Precipitation: 6.72 inches at Stearns

Least Total Precipitation: 1.67 inches at Owensboro Dam 46

Greatest One Day Precipitation: 3.15 inches on the 27th at Franklin

1 E

Greatest Reported Total Snowfall: 11.0 inches at Benham

Greatest Reported Depth of Snow on ground: 6 inches on the 28th at

West Liberty

CLIMATOLOGICAL DATA

NENTUCKY NOVEMBER 1959

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Stervon		A renge Wes	Average M.	262017	Sections of Form Maar	i i	Dave		(2	AAn		M	> 44	,	1 1 6	v		,	g J		5 MOV	
WESTERN																							
BEAVER OAM 8ENTON 2 FORDS FERRY OAM 50 GOLDEN POND 8 N GREENVILLE 2 W			32.7 30.4 32.9 30.8 33.1M	45.0 43.1 43.7 43.7 44.4M	- 2•4	78 77 80 78	5 5 5 5 5	10 1 10 1 11 1 8 1 10 1	8+	652 636 638 615	0 0 0	2 1 1 1 D 1 1 1 1 1	9 0	0	3.78 3.51 1.73 3.98 5.78	2.43	1.34 .87 .83 .76 1.91	23 4 5 5 5 14	1 • 0 • 2 T	0 7 0	30+	5 7 3 8 8	3 1 3 0 2 D 5 0 5 1
HENDERSON 7 SSW HICKMAN 1 E HOPKINSVILLE LOVELACEVILLE MADISONVILLE I SE	AM AM	53.0 55.6 54.9 55.7 55.5	31.6 31.1 30.2 32.0 31.4	42.3 43.4 42.6 43.9 43.5	- 4.3 - 4.4 - 3.5	76 81 75 1	5 5 6 3+ 5	10 1 13 1 11 1 11 1 10 1	7 6 8+	673 643 665 627 643	0 0 0	1 1 2 2 1 1 1 1 1 1	0 6 7 6 5 6 8		1.69 3.07 3.00 2.22 2.53	- 1.63 53 - 1.02	.64 1.47 1.03 1.18 1.03	4 27 4 5	T	0		4 5 4 5	3 1 2 1 2 1
MAYFIELD MURRAY OWENSBORO 2 W PADUCAH FAA AIRPORT PAOUCAH		56.0 55.5 54.4 52.0 55.9	33.6 32.8 33.3 30.3 32.3	44.8 44.2 43.9 41.2 44.1	- 3.1 - 2.0	79 78 74 1	5 5 3+ 3+		7	598 616 631 710 62D	0	0 1 1 1 1 1 2 1 1 1	5 (6)	0	2.18	- ·21 - 1·39 - 1·95	1.05 1.05 .65 .93 1.02	5 14 4 4	• 3 • 8 • 5	0	28	5 6 4 4 2	2 1 1 0 1 0 2 1
PRINCETON RUSSELLVILLE		56 · 8 56 · 3	31.3	44 • 1 44 • 9 43 • 7	- 2.8 7 - 3.2		5	11 1		626 598		1 1		0	3 • 14 2 • 62 2 • 88	- •32 - •90 - •61	1.06	5 27	. 4	T	30+	6	2 1 1 1
DIVISION																							
ANCHORAGE BAROSTOWN S J PREP SCH BONNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		53.1 55.8 55.7 53.8 56.0	31.2 32.8 31.8 31.8 34.0	42.2 44.3 43.8 42.8 45.0	- 2.2	79 80 79 78 79	5 5 5 5		18 17 18	681 619 633 659 597	0 0 0 0	1 1	7 7 7	00000	4 • 75 4 • 26 3 • 75 4 • 25 4 • 64	1.62 .78	1.03 1.56 1.65 2.03 2.34	5 27 27 26 27	.3 2.0 .6 1.0	T T 1 1 1	29+ 29+ 29 28	8 7 8 8	5 1 3 1 1 1 1 1 2 1
CLERMONT 1 SSE EL12ABETHTOWN GLASGOW WKAY GREENSBURG IRVINGTON	АМ	58.2 56.0 55.1 54.7 54.6	32.8 32.4 33.0 31.0 32.3	45.5 44.2 44.1 42.9 43.5	- 2.9 - 2.6	80 79 80 78	6+ 5 5 6 5	8 10 12 11 10	18	584 623 627 659 64D	00000	1 1 1 3 1	5	00000	5 • 20 4 • 56 5 • 40 5 • 0D 4 • 53	1.62	1.61 1.02 2.32 2.72 1.92	27 27 27 27 27	6.8 .4 1.0	1 T 1 0	28 29+ 29+	7 10 8 8 6	4 2 4 1 4 1 2 1 3 1
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP MAMMOTH CAVE PARK SCOTTSVILLE	R	54.7 54.6 53.6 55.5 56.3	33.5 34.1 32.9 33.0 34.0	44.1 44.4 43.3 44.3 45.2	- 2·5 - 2·4	79 80 79 78 79	5 5 5 5 5	10	18 17 18+ 18	622 614 642 619 590	0 0 0 0	0 1	15 15	0 0 0 0 0	3 · 45 4 · 63 4 · 15 5 · 02 5 · 29	1.03	1.14 1.75 1.10 2.60 2.65	27 5 5 27 27	1.3 .6 1.7 1.0	1 1 1 T	29+ 28+ 29+ 28 29	7 8 7 7	2 1 3 1 4 1 3 1 2 1
SUMMER SHADE WOLF CREEK DAM	AM	56 • 2 56 • 4	32.5 28.8	44.4		80	5	12	18 18	617 662	0			0	4 • 35 4 • 13		1.96	27	T	T	28	7 7	3 3
OIVISION				43.9	- 2.1										4.55	1.19			1 • 2				
BLUE GRASS																							
BEREA COLLEGE CARROLLTON LOCK 1 COVINGTON WB AIRPORT CYNTHIANA 2 OANVILLE .	R AM AM	57.7 54.7 50.1 51.9 53.1	37.6 32.4 31.1 30.1 30.6	47.7 43.6 40.6 41.0 41.9	1.3	78 78 75 78 78	5 5 6 6	10	18 18+ 17 18 19+	6D1 639 724 713 685	0 0 0 0	0 2 2	17	00000	2 · 87 3 · 99 4 · 04 5 · 21 4 · 12	41 1.03 1.01	.87 1.20 1.21 1.26 1.97	27 5 5 27 27	2 • 3 4 • 0 1 • 2	1	29+	5 9 8 11 7	1
OIX DAM FALMOUTH FLEMINGSBURG 2 FRANKFORT LOCK 4 LEXINGTON WB AIRPORT	AM R	56.6 55.1 54.3 52.5 51.8	34.3 31.7 31.3 30.4 32.8	45.5 43.4 42.8 41.5 42.3	- 4.3 - 2.5	79 80 77 80 77	5 5 5 6 5	12 10 8 12 12	18 18 18	584 645 660 697 672	00000	1 1 2	14 18 19 20 14	00000	3 · 81 4 · 52 4 · 38 4 · 38 4 · 49	1 • 22 1 • 13 1 • 3 4	2.05 1.36 1.30 1.61 1.17	27 27 27 27 27	T 2 · 3 1 · 0 · 8	1 1	28	7 8 9 9 8	2 4
MAYSVILLE DAM 33 MOUNT STERLING RICHMOND † SHELBYVILLE 2 W WARSAW MARKLAND OAM	AM AM	52.9 55.3 53.0 57.3M 52.8	30.0 31.4 31.7 33.8M 32.7	41.5 43.4 42.4 45.6M 42.8	- 3.4	78 78 77 76 77	6 5 6 6+ 5	10 10 10	18 18 18 18 18+	700 645 674 5 99 658	0	1	21 19 16 20 17	00000	5 · 29 3 · 54 3 · 26	2.27	1.40 1.15 1.10	24 27 27	2 • O	2 T	28	8 8 7	3 2
WILLIAMSTOWN 5 WSW	AM	50.5	27.8	39+2	- 5.9	76	6	9	19+	769	0	3	23	0	4 • 1 4	1.00	1.26	27	3.0	2	294	- 8	3
DIVISION				42.6	- 2.9										4 • 11	•93			1 • 7				
EASTERN ASHLAND DAM 29 BARBOURVILLE BAXTER BENHAM BLAINE	AM AM	54.5 58.8 55.4 57.3 56.3	34.2 31.1 30.5 30.4 27.3	44.4 45.0 43.0 43.9 41.8	- 2.2	79 76 72 75 80	4 5 6 6 4	14 12 13 10 7	30+ 30 30	611 598 655 630 691	000	1 1 1	14 17 18 19 20	00000	3.86 6.64 6.17 5.74 D 3.47	1.13	1.45 2.42 2.28 1.90	28 24 24 28 27	2.0 1.0 11.0 6.D	2	29-	9 8 12	3 3
DEWEY DAM FARMERS GRAYSON 1 SE HEIDELBERG LOCK 14 HEIDMAN SETTLEMENT SCH	AM AM R AM	57.0 57.3 53.2M 56.9 55.8M	30.8	43.9		80 77 77 76 70		9 11 9	19+ 18 18 30 30	631 620 692 627 673	0 0	1 2 1	18 17 21 18 22	00000	3 • 82 3 • 35 2 • 95 2 • 82 5 • 57	- •48	1.79 .65 1.10 .61 1.80	27 28 28	3 • D 6 • D 3 • O	3	28	+ 8	7 2
INEZ LONOON FAA AIRPORT MANCHESTER 4 SE MIDDLESBORO MONTICELLO		56.1 53.1 57.9 58.4 56.8	24.8 29.6 31.3 32.3 33.1	40.5 41.4 44.6 45.4 45.0		75 73 76 75 8D	4	12 10 12	30 30 30 30 18	730 703 606 583 6D1	3 0 5 0 8 0	1 1	25 22 17 16 17	0000	D 3.80 4.97 5.59 5.64 4.07		1.50 1.93 2.45 1.14	24	4.0	3 1	2 9 2 9	1	

CLIMATOLOGICAL DATA

KENTUCKY NOVEMBER 1959

CONTINUED																				NOVE	MBE	R 1	959
					Tem	perat	ure										Precip	utation					
												No of D	Bys					Sno	w, Sleet		N	o. of (Days
Station		Average	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Degree Days		32° or x Belaw x 32° or		Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MOUNT VERNON PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY WILLIAMSBURG 2	AM AM	54.8 58.1 54.9 55.5 54.1	31.3 34.5 31.4 30.7 28.0	43 • 1 46 • 3 43 • 2 43 • 1 41 • 1	- 2.6	76 80 76 79 77	5 5 5 5	11 12 10	18	652 565 652 648 712 617	00000 0	1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 • 26 2 • 70 4 • 63 3 • 54	2 • 68 1 • 63 3 • 15	.87 1.18 .79	27 24 23 24 27	6•0		29 28 28	9 7 8 10	2 3 2	1 0 2 0

4.51

1.35

4.3

DIVISION

43.4

- 2.7

SUPPLEMENTAL DATA

	Wind o	direction		Wind m.	speed p. h.		Relati	ve humi per		rages -		Numb	er of d	ays with	precip	tation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p	6:00 p CST	Trace	6010	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to s
COVINGTON WB AIRPORT LEXINGTON WB AIRPORT LOUISVILLE WB AIRPORT	SSW S	17 16 16	11.6 12.1 11.1	35 - 34	SSW -	4 - 4	73 78 72	73 78 74	52 58 53	62 71 63	6	5 4 4	5 4 3	2 3 3	1 1 1	0 0	19 18 16	- 43	7.0 6.5 6.5

[†]DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AVERAGES

DAILY PRECIPITATION

WINTER TITE

_	73													Day	of me	onth																-
Station	Total	1	2 3	3	4	5	6	7	8 9	10	0 1	1]1	12	13	14	15	16	17	18	19	20 2	1	22			25	26	27	28	29	30	31
ADDISON DAM 49 ALBANY 4 N ALLEN	9 · 28 9 · 31					.97	.10 T			П		. 03	001	•02	+41	144	176 129	. 2A . 1A						129 1	. 10 . 35 . 91 . 06	.02	. 24	1 46 1	+13 +97 +06	1		
ANCHORAGE APEX 2 NE	4.75	•19		3.6		2.05	•05					.03	1		. 73	. 36	+02	.08						.72	.75	.05	a O 3	.07	1 . 49	e 02	Ŧ	
ASHLAND DAM 29 BARBOURVILLE BARBOURVILLE BARDSTOWN 5 J PREP SCH BAKTER BEAVER DAM	6 • 6 4 4 • 2 6 6 • 1 7 3 • 7 8	. 20 . 01 . 05	Т .	01	.08 .10	+3T	T +19			1			Т		*15 *67	.07 .01 .27	: 43 : 04 : 04 T	.61		:07		02	7	1 2	+42 +26 +08	.20	+21 +08 +04 +21	.70		.07	.04	
BENHAN BENTON 2 BEREA COLLEGE BEREA WATER WORKS BLAINE	5.74 5.951 2.87 3.60 5.3047	*05 *16		•32 •21	.03 .89 .01 .07	.02 .21	.10	.04	T	Į.			T + 0.3		•70 •59 •01 •21	.60	.07 .09 .99 T	+98 +42 +15			,		.06	• 62 • 07 T	.95 .92	.02 .01	.17	+93 +87 +77 +74	0.10 :03 :47 :55	± 0 9	.04	
BOWNIEVILLE BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENT DAM 36	3.75 3.80 3.88 4.25 3.87	+04 T		-28	o 47	•30 •17 •31 T	т						.11	• 04	•45 •40 •20 •49 •17	007 034	.05 .17	.07 .18 T					7	005	.07 .27 .31 T	.03 T		1.65 2.05 1.87 .41	.70 .09 .02 T	*10 T *10 *03		
BROWNSVILLE LOCK 6 BURDINE 2 NE BURNESVILLE CADIZ LOCK E CALMOUN LOCK 2	3 · 82 6 · 14 4 · 21 3 · 37 2 · 63	T •10		Ĭ	•46 •23 •17 1 •27 1	1 0 25	1	T		ı			• 04	т	+46 T +48 +68	•08 •43	:03 :69 :16 :03	•12 •40 •24 •12 •02						2	.13 .20 .70 .42 .15	±06 •39 T		1.58 .70 .36	004 2015 T	T •25 •03 •20 T	T	
CAMPBELLSVILLE CARTYVILLE CARROLLTON LOCK 1 CLAY CITY 1 WHW CLERMONT 1 SSE	4:64 1:35 1:99 3:01 5:20	•13		.19		.53 .62 1.20 .05							T 010 T	т	•42 •39 •30 •37	T •05 •06	•12 T	.11 .06					1	·15	. 44 . 23 . 38 . 40	T .02 .01	*04 T	2 · 34 1 · 15 · 94 · 70 1 · 61	.07 .05 .10 .48	7 •03 T •03 T		
COBB COLLEGE HILL LOCK 11 COVINGTON WB AIRPORT R CUMBERLAND FALLS ST PK CYNTHIANA	3 6 6 3 2 6 8 5 4 6 0 4 4 6 7 9	*11 T		.55	•16 1 •09	.04	T .04	т				•12	•01 •01		T •40 •39 T	. 57 . 38	*06 *01 *58 T	.33 .20 .03					т		. 46 .06 .95	*03 T	.51 .13	.85 .77 .40 .87	.37 .02 .65	• 03 • 01 • 86 T	T T	
CYNTHARMA 2 DANVILLE DELPHIA 1 E DEWEY DAM DIX DAM	5.21 4.12 6.07 3.82 3.81	.20 .02 .50	.02		• 57 • 27 • 03 • 24	•82 •34	T •12 •03								: 26 T	• 29 • 41 • 39 • 41 • 23	.03 .02 .10 .18	:14 :48 :37 :08						•38 •16 1 •25	.64 .47 .97 .52	.40 .02 .28 .11	т	1.97	D: 20 :06 1:96 1:79 :06	D+2B +02 7	т	
DUNDEE BARRETTS FONO 8R DUNMOR EDOYVILLE LOCK F EDNONTON ELIZABETHTOWN	4.02 1.81 2.29 4.07	•10		•39	•25 •13 •13 •07	1.50 .60 .76 .40									•48 •66 •30 •12	. 15	•04 •10 •62	.62 .05 .15					т	•80 •22 •32 •50	•20 •22 •30 •56	*02 T	.47	.75 .52 2.20 1.82	*08	.02 .02 .02		
ELKHORN CITY ELKTON 2 S FALMOUTH FARMERS FLEMINGSBURG	5.90 3.01 4.52 3.35 4.20	T • 26			• 21 • 63 • 15 • 59	.60 .46 .07	•27 •01	o _T					T • 04 • 01 T		•51 •15	• 78 T • 43 • 33 • 38	.09 .02 .08	.60 .21 T							. 55 T . 76 . 50 . 39	.30 .02 .03 .16	T T	1.27 1.36 .65 1.60	1.80 .04 .15 .55 .19	• 20 • 08 T	т	
FLEMINGSBURG 2 FORO LOCK 10 FORDS FERRY DAH 90 FRANKFORT LOCK 4 FRANKLIN 1 E	4e36 3e32 1e73 4e36 4e77	*18 *04		• 09	•70 •24 •03 •42	.40	т	T T		ľ			T • 0 a T	т	• 37 T • 56 • 21	. 45 . 39	003 T 004 T	.03 .12 T						.60 .17 .22 .27	.23 .69 .02 .91	T T T •04	.23 T	1.30 1.18 .26 1.61 3.15	*25 *24 T *14 T	T T • 02 T	Ť	
FREEBURN 2 SW FRENCHBURG GAMALIEL GEORGETOWN WATER WORKS GEST LOCK 3	5 x 8: 2 x 5: 3 x 9: 4 x 4: 4 x 2:	•14 •03 •02			014 012 074	.05 .63 .70	•04 •03	⊕06 T					• 0 L T		.05 .10	e 54	•13 •13 •23 T	•21	•02			. 05		:04 2 :06 :44 :05 :03 1	002 060 051 070 1016	.49 .06 T T	. 02 T	.04 .72 1.36 1.55 1.42	1:63 :15 :04	*15 T *01 *09 T		
GLASGOW GLASGOW WKAY GLENDALE 1 E GOLDEN PONO 8 N GRANT OAM 38	4.75 5.46 3.81 3.91 3.77			•37	.40 .06 .48 .70	•79 •63 •32 •76	т					т	T	• 07	• 34 • 43 • 65		•18 •32	•25 •02 •06					т	. 35 . 55 . 66 . 65	.40 .20 .25 .04 .24	T • 02	• 55 • 20 T	1.47	*03 *05 *10 *10	•01 T		
GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 BR GREENUP DAH 30 GREENVILLE 2 W	2.99 5.00 4.11 4.11 5.7	0 12 7 7 3 •18		•18	•11 •12 •13 •98	.06 .81 .75	T T			•11		т			•29 •13	• 35		•14					Ť	*04 *13 *15 T *67	.63 .43 .45 .94	.07 .03	T T	.22 2.72 2.05 .34 .85		001 005 7	.02	2
HARTFORD 6 NW HAZARO WATER WORKS HE10ELBERG LOCK 14 R HENDERSON 7 SSW HICKHAN 1 E	4.0	0 6 •08 2 •04		.09 T		1.26	•07 •12 T					•03	T 1 002	т	• 60 • 64 • 62	• 35	*11 *08 T							•29 •07 •19 T	.29 1.88 .23 .05	T •15 7	.22	.64 :17 :43 :22 :62	.61	T •10 •05 T	. O	
HICKSVILLE HIGH BRIDGE LOCK 7 HINOHAN SETTLEMENT SCH HOPKINSVILLE	2 · 5 4 · 7 5 · 5 3 · 0 5 · 6	6 6 •06 7 •01			.10 .27 *	1.04 .51 # .55 .06	#05 #	.50 T							∘ 66 • 66		.04	.09						• 28	.46 1.80 2.21	.02 .10 .01	•11	2.54		.05 .01	•11	
NEZ IRVINGTON JACKSON JEREMIAH KEEME I NNE	3 · 8 4 · 5 2 · 9 4 · 5 5 · 3	0 .20	•20	*19	•43 •03	1.92 .11	* T					т	• 01		• 4 0		• • • • • • • • • • • • • • • • • • •	. 34						.60 .66 .02	• 30 • 03 • 21 1 • 34 • 31	004 22 T		•78 •10	1.90	•12		
KENTUCKY DAH LA GRANGE 1 SW LANCASTER LEITCHFIELO LEXINGTON W8 AIRPORT F	2 · 2 D 4 · 7 3 · 6 3 · 4	9 2 • 02 5 7		•39	T •70 •25 •35	1.12 1.40 .19	T					т	• 0 5 T	Ť	• 64 • 10 • 30 • 50	• 0	T41	.04					т	.03 .30 .25 .30	.40 .45 .26	*01 *01	T 1:17	041 1:20 1:50 1:14	•13 •07	. 02	т	
LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LONDON FAA AIRPORT LOUISA 2	3 · 6 3 · 3 4 · 1 4 · 9 3 · 3	2 3 6 • 09 7 T		±04	•20 •13 •55	•40 •20 •37 •21	T .07	003				т	• 0 3		•15 •15 •23 •39	• 3	T .67	*10 T					т	•50 •50 T 1•28 •17	.55 .35 .82 .24 .34	*03 *02 *04	.01	1.40 I.60 I.48 I.50	•19	•03	T	
LOUISY LLE LOUISYILLE W8 AP LOUISYILLE UPPER GAGE LOVELACEVILLE MADISOMYILLE 1 SE	R 4.6 4.5 2.2 2.5	5 .15		*10 *34	.48 .35 .44 1.18	1.75 1.10 2.00	Т	Т				•05 •04 T	T # 0 2	2	• 45 • 52 • 15 • 80 • 71	2	T .01	T T				Т		•67 •72 •19 •12 •26	•10 •02 •44	T T .05	• 92 • 92	.12	01 T	↑ • 02		
MAMMOTH CAVE PARK HANCHESTER 4 SE HAYFIELO HAYSVILLE DAH 33 HCKEE	5 · 0 5 · 5 2 · 5 5 · 2 3 · 7	9 12	3	.54	.08 .09 .25	•28	• 0 0	3					T • 04	.0	• 50 2 • 68	• 3	3 .01	8 • 39 • 05					Т	.18 .06	.40 1.93 1.40 .38	.06	.00 .00	. 26	1.58	T .08	3 T	
MIOUESBORO HIOWAY HILLERSTOWN MONTICELLO MOUNT STERLING	5 a 6 5 a 6 3 a 3 4 a 6 3 a 5	1 01	7	• 08	+01 +64 +58 +02	.04 .75 .21	.6								•36 •47	•1	4	•02						•93	1.13 1.22 .10 1.14	1	Т	1.54 1.54 1.02 1.15	10 T	0 001 005 002 012	2	
HOUNT VERNON MUNFORDVILLE 1 N MURRAY OLNEY OWELOA	3 e l 4 e l 3 e l 2 e l	33 .0°	9	• 11	. 45	.54 .44		* T				т	•0: T	3	• 7: • 3: • 6: • 7: • 1:	2 ±0 7 2	.0	8 .11						e 28	.05 .25 .02 .05	•02	. 6	1 11	T .01	• 04 • 03	, T	
										Se	e Ref	eren	ce No		Follow	ing	Static	n Inde	ex													

	-				_																												
Station	Total														Da	y of m	onth																
5.3401	To	1	2		3	4	5	6	7	8	9	10	11	12	13	· 14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OMEONTA DAN 35 OWENSBORD 2 W OWENSBORD DAN 46 PADOCAN FAA AIRPORT PADUCAM	3.45 1.96 1.67 2.18 1.77	т				1.12 .22 .19 .93 1.02	• 64 • 40 • 41	т	T				Ţ	• 07 • 06 • 04 • 02	•02	T • 65 • 56 • 49 • 75	•01	T T •03 •01	.03 .02 .03						+03 +05 T T			T • 36 T	1.07 .48 .38 T	*10 *05 *08 T	т		
PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON NAVENNA LOCK 12	3.55 5.26 6.29 3.14 2.87	* 21 T	ı	01	06		.09 T .04 1.06	T ∗39	• 02							•39 •70	• 46 • 35 • 35	• 23 • 34 • 06 • 03 T	•33 •13 •65 T						•15 •98 •03 •36	1.21	•01	T • 02 T	•90	1.70 .70 1.94 .19 .63	•30 •12	•01	
RICHMONO ROCWESTEN LOCK 3 RUSSELLVILLE NUSSELLVILLE SUBSTA SALVISA LOCK 6	3 · 2 6 2 · 8 9 2 · 6 2 3 · 0 5 4 · 7 9					1.00	.07 .43 .27	o 06						o 02		T •58 •42 •44 •34	•45 •02 T	+05 T +14 +08 T	•22 •03 •10 •02					• 02	• 40 • 49 • 01 • 05 • 26	•07	•06	т	1.10 .86 1.33 1.31 2.12	•12 •02 •09 T	•04 •03 •07	т	
SALYERSVILLE 2 SE SCOTTSVILLE SCOTTSVILLE 2 SW SEBREE SHAWNEE STEAN PLANT	3.84 5.29 4.35 2.55 2.35		3		32	•17 •25 1•45								т	.02	.46 .30	• 39 T	• 28 • 27 • 15	•33 •12 T	•03					•34 •48 •11	009		• 05 • 48	2.65	1.72 .70 T	*05 T		
SHELBYVILLE 2 W SHEPHERDSVILLE SOMENSET I N SPRINGFIELD STEARNS	4.39 2.70 5.11 6.72	.00	3	•	12	.60 •32 •02 •42 •07	1.07 .42 .91	т						•02 T	.0В	.47 •63 •53 •48	.10 .02 .02 .10		•12 •40						.28 .60 .87	. 04	•02	T •08	1.20 2.45	- •05 •15 •10 1•09	- •02 T	т	
SUMMEN SHADE SUMMER SHADE SUBSTA TATLORSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	4.35 3.89 4.13 2.97 4.76	Т	5	•	30	•31 •12 •09	•36 •45 •23 1•13 •68	•47						T T		• 55 • 23 • 45 • 63 • 20	• 29 • 37	•18 •08 •03 T	*04 T *07 *02						• 69 • 22 • 40 • 08 • 26	• 32 • 84 T	•07	*08 T T	1.96 1.90 1.50 .91 1.59	T •02 •05 T •12	.05		
UNIONTOWN DAN 49 VALLEY VIEW LOCK 9 VANBUREN VANCEBURG DAN 32 WARSAW MARKLAND DAN	1.73 3.43 4.53 4.63 3.60	005 021	i.			•20 •12 •35 1•17 1•18	•42 •20 •29 •11 1•12	• 13	T				т	*04 T *03	•08 T	• 75 • 09 • 49	•12 •38	T •02 •02	.04 .09 .07 T						7 • 40 • 45 T • 05	1.16	T •08	T *01 T	.15 1.49 1.59 .37	*12 *15 *90 *02	01 07 7	T T	
WAYNESBURG 7 NE WEST LIBERTT WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13	3.49 3.54 6.37 4.14 3.14	.06				. 20 . 08 . 03 . 68 . 03	•31 •14 •26 •35 •25	*15 *08						• 02 • 05 • 02		• 25	.59 .32 .37 .26	*10 *19 *16 T	.16 .28 .74 T						•49 •35 •03 T •31	0 3 3 2 • 6 2 • 8 7	•09 •09 T	•01	1.01 .79 .27 1.26 .52	•09 •65 1•67 •23 •76	.03 T .05 .11		
WOLF CREEK DAN WOODBURY LOCK 4	4+13 2+66					•09 •35	•33 •37									• 35	• 47 • 05	•17 •01	•26 •02						• 20 • 16	1.00 .05			1.51 1.23	• 08 • 04	•02		

RENTUCKY HOVEMBER 1959

												• •	34.7	_		_														Par	1.A E MITE IN	1 150
Station		. 1				. 1				0	10	11	10	12		- 7	Of Mo		10	10	20	21	22	22	24	26	26	27	28	29	30 31	Pech
		1	2	3	4	5	6			9		11					16			18		21				25		27	32	33		53.1
ANCHORAGE	MAX	46	58 35	53	72 53	79 56	96 29	26	50 21	22	10	55 41	29	4.8	83	42 26	40	12	10	20	2.8	94	6.6	61	36	29	34	31	25	20	17	31 + 2
ASHLANO DAM 29	MAX	62 52	55 45	61 30	79	73 56	65 33	30	48 25	54 38	63 29	40	54 36	72	38	36	55	23	14	26	2.6	3.7	29	57	58	30	52 29	33	29	22	17	34.2
BARBOURVILLE	MAX	67	61 37	70 25	75 50	7 6 58	74 34	38 26	52 16	55	65 21	62 29	38	70	66 40	48 35	60 38	57	12	16	23	66 35	6 A 25	66 49	40	31	28	37	27	17	12	31.1
BAROSTOWN S J PREP SCH	MAX	63 50	59 42	56 29	73 90	63	74 27	41 27	45 26	54 22	66 31	59 46	57 36	72 48	67 33	43	39	14	10	55	63 28	63	6 B 2 5	61 52	60 36	32	59 35	53	35 25	19	19	55.8 32.8
BAXTER	MAX	62 56	63 37	61 27	66 27	71 50	72 47	49 26	4 I 20	54 22	56 22	62 23	5 6 3 5	61 35	68 36	61 37	56 37	5 h 3 9	40 15	16	54 19	62 25	30	65 31	53 45	60 32	27	33	50 31	33 19	25	55.4 30.5
BEAVER OAM	MAX M1N	66 47	62 47	55 32	71 54	80 57	75 26	44 26	62 22	67 24	68	64 45	62 38	74 52	68 32	45 26	49 41	45 12	38 10	55 20	62 29	61 36	65 28	67 52	61 40	42 31	62 31	30	30 22	32	45 I 8	57.3 32.7
BENHAM	MAX MIN	70 56	69 39	69 26	69 28	72 64	75 45	47 26	52 17	47 16	56 22	63 28	56 38	63 39	68 48	61 35	65 40	59 35	38 14	46 17	56 22	65 27	59 25	65 27	59 51	62 29	40	60 25	47	35 18	27 10	57.3 30.4
BENTON 2	MAX	67 47	61 40	66 35	67 59	78 56	56 28	43	55 18	59 20	67 31	61 45	61 38	74 45	64 29	39 29	43 37	41 12	41 10	56 11	59 26	66 28	64 24	68 40	66 45	46 30	52 30	39 30	31 16	37 14	45 14	55.7 30.4
BEREA COLLEGE	MAX	65 42	65 42	63	73 50	78 57	72 28	41 25	50 17	55 20	66 31	61 41	60 32	70 49	62 30	53 30	55 32	52 18	41	54 26	66 29	65 48	66 31	68 35	58 42	45 30	55 35	54 33	42 25	36 19	39 21	57.7 37.6
BLAINE	MAX	65 51	59 35	67	80 48	76 53	74 30	42 26	50 15	55 17	65 19	61 25	56 28	74 29	56 35	45 33	55 35	50 21	39 7	53 14	65 19	64 30	69 19	57 36	58	40 26	56 23	57 34	34 25	28 17	38	56.3 27.3
BONNIEVILLE	MAX MIN	62 51	59 44	57 29	70 35	79 61	61 28	42 27	52	56 21	65 26	60 45	63 39	72 48	64 33	44 30	49 41	46 15	41 16	56 19	63 25	63	61 24	61 54	61 37	43	60 29	52 33	34 24	34 19	41 16	55 · 7 31 · 8
BOWLING GREEN FAA AP	MAX	64	60 34	63	69	78 41	41 28	42 28	50 22	55 23	65 29	61	63	72 52	61 33	43 32	47 35	35 15	38 12	54 20	60 28	63 33	66	60 56	60 33	30	58 33	38 29	30 22	33 18	42 16	53.8
CAMPBELLSVILLE	MAX	60	61	61 31	71 53	79 62	73 29	42	53 24	55 25	65 28	60	63 38	71 50	64 33	44	50 41	48 17	39 12	53 22	62 30	63	66 31	63 52	61 43	43	56 33	51 33	33 26	29 17	41 19	56.0 34.0
CARROLLTON LOCK 1	MAX	63	57 45	54 28	71 48	78 59	75	39 28	49	51 24	64	63 43	52 30	70 45	67 33	43	51	51 12	35 12	53 21	59 25	61	66 25	62 53	61 41	42	48	48 33	35 26	33 23	40 18	54.7 32.4
CLERMONT 1 SSE	MAX	66	62	59 28	73	80 62	80	43	53	56 · 22	68	66 50	58	74	72 36	44	52 43	48	37 8	58 23	65 26	64 38	67 25	65 50	62	47	61 33	56 33	34 25	31 19	43 18	56 • 2 32 • 6
COVINGTON WB AIRPORT	MAX	59	51 35	53	70	75 46	47	39	46	49	64	54	47	69	61	42	51 36	36 10	36 13	50 25	56 33	58 38	64	59 45	49	34 26	46 31	38 29	31 22	30 21	38 19	50.1
CYNTHIANA 2	MAX MIN	64	59	55	58	71 57	78	35	40	50	51	63	57	55	70 38	39	44	55 16	27 11	34 14	52 26	62	61	67 25	59 50	54 29	39 31	59 35	37 28	34	29	51.9
OANVILLE	MAX	63	60	59	60	72 56	78 33	35 26	40	50	53	64	59 38	60	70 49	57 29	45	51 18	22	39	53	63	61	67	60	55	48	57 30	35 26	29 18	27	53.1
DEWEY OAM	MAX	75	64	59	69	80 52	77	45	44	51	53	54	65	60	73 32	61	45	55	36	40	55	65	65	68	60	62	57 29	60	50	34 22	28	57.0
MAO XIO	MAX	63	60	61	72	79	78	40	52	53	63	63	59	69	68	43	52	51	39 12	53	63	64	67	63	59	47	58	55	34	30 19	40	56.6
ELIZABETHTOWN	MIN	62	62	32 56	72	80	33 73	40	51	28 55	66	64	38 62	72	38 56	29 43	57	46	40	54	62	58	66	60	60	42	60	53	35 23	32	42	56.0
FALMOUTH	MIN	64	38 56	38 57	74	80	71	40	50	52	65	50	53	73	65	42	38 56	54	38	52	59	62	67	60	59	42	52	48	35 28	30	40	55.1
FARMERS	MIN	51	57	26 64	77	61 75	72	44	51	23 55	65	67	58	48 72	34 67	30 45	55	16	39	18	64	62	68	62	68	45	60	53	37 28	30 18	38	57.3
FLEMINGSBURG 2	MIN	60	45 53	24 59	73	59 77	32 65	40	18	53	63	35 68	39 54	70	36 59	30	55	50	36	18	61	60	65	57	57	42	58	49	34	30	37 17	54.3
FOROS FERRY DAM 50	MIN	67	40 59	26 64	67	58 77	29	39	21 50	28 58	28	55	53	73	34 68	32 40	30	15	38	54	26 59	61	65	67	59	40	30 58	33	38	37	45	. 54.4
FRANKFORT LOCK 4	MIN	65	48 60	50	59	48 75	27 80	35	27 38	29 50	38 52	39 65	33 60	58	70	28	37 45	11 52	11 26	38	33 55	60	32 61	68	39 61	30 53	40	60	37	33	31	52.5
GLASGOW WKAY	MIN	60	45 61	29 61	70	58 79	34	29	23 50	23 55	65	28 61	33 62	72	40 62	29	47	19			63				60				33			55 • 1
GOLOEN PONO 8 N	MIN	65	62	30 64	55 68	61 80	28 57	26	23 54	23 59	29 68			43 74	33 70	32 40	1	16	12	20 58	29 62	65	65	69		47		42	30	35	45	56.5
GRAYSON 1 SE	MIN	48	40 60	31 54	58	57 77	27 74	23	18	21	31	45	38	53	30 74	28	37	12 55	30	35	50	29 55	25 61	65	45 58		35	57	45	15 34	31	53.2
GREENSBURG	MIN	56	46			54 72			19	21	57	25 67	24	39		34		50		13	22	64	65	30 69	61					32		30.1
GREENVILLE 2 W	MIN	52		30	35	60 78	34		21 52	22		30	63	41 72	40	33		18	12		20 61	30	26 66	27 66			31 60			35	45	31.0
HEIDELBERG LOCK 14	MIN	63	46	32	58	60	28		21			44	37	54	30 67	28	40	12	10		29 64	64	28 67	55 59	37 60		32 54	30 61		17 30		33 • 1
	MIN	54	36	24	51	56	34	29	18		22	29	39	30 73	37	30		26 40			25 60	35 65	23 63	40 68	54	32 40		37 39		17		53.0
HENOERSON 7 SSW HICKMAN 1 E	MIN		43		58		25		24		39	40	30	46	29	24	37	10	10	25	32	38 63			36		31	29	19	17 28		31 • 6
	MIN	46	45	37	44	50	29		21	23	31	39	36	42	31	28	32	13	14		27	32	31	42		29	30	27	19	33		31 • 1 55 • 8
HINOMAN SETTLEMENT SCH	MAX M1N	47	38	24	24	70 53	43	23	17	18	18	22	36		28	70 30	38	31	12	12	17	19	23	27	68	31	26		29	31	9	54.9
HOPKINSVILLE	MAX	51	40	34	40		29		23	24	26	35	38	41	32	36 29	30	12	11	14	22	33	33	34	51	32	33	31	20	16	16	30 • 2
INEZ	MAX	38	32	19	35	55	31		13	14	29	31	53 36	23	32	30	35	20	6	10		25		30	32	25	20	30	21	14	3	24 • 8
IRVINGTON	MAX		61 39		70	78 56	56 29	40 27	52 21	55 22	66 36	57 42	56 30	73 51	64 33	41 25	39	11	10	56 23	28	38	28	54	54 39			45 32		36 20		32.

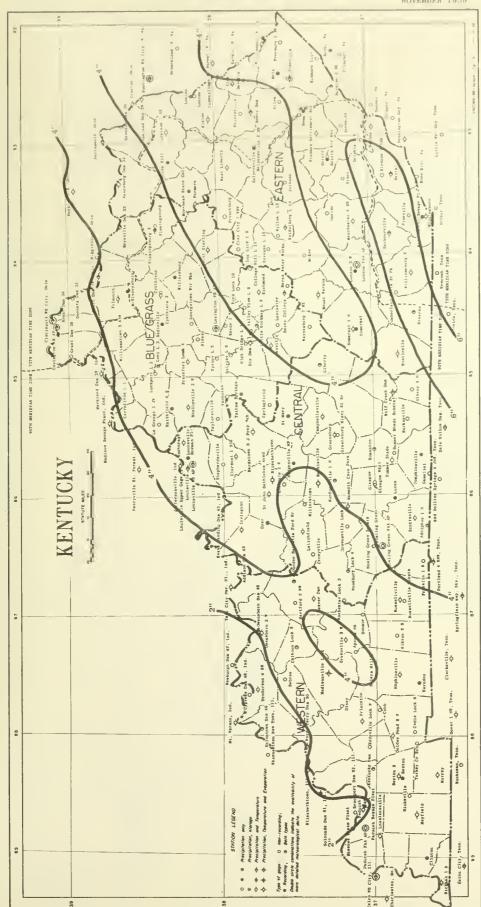
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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	1 4	Aver
LEITCHFIELD	MAX MIN	62 49	58 44	53 35	72 51	79 45	59 27	40 26	50 24	56 26	65 35	63 44	60 38	73 51	64 32	42 28	47 40	43 13	39 12	55 24	60 33	62	66 35	62 55	58	42 30	61 35	45 32	30 21	32 19	42 20		34.7
LEXINGTON W8 AIRPORT	MAX MIN	59 47	54 36	58 34	71 54	77 48	48 28	38 27	49 24	51 29	63 34	56 41	54 36	68 50	60 30	43 29	52 37	37 12	35 12	52 25	59 34	59 39	65 38	58 51	57 34	38 29	56 35	42 30	31 23	26 19	38 19		1.8
LONDON FAA AIRPORT	MAX MIN	58 41	57 30	61 27	72 50	73 54	54 27	40 26	48 23	53 21	60 25	55 35	60 39	67 39	60 32	41 31	56 41	43 15	41 13	53 21	62 27	63	64 27	54 48	57 32	40 29	57 31	59 29	29 19	22 14	34 12		3.1
LOUISVILLE	MAX MIN	63 50	58 45	54 34	72 51	80 57	57 28	40 27	50 26	55 28	67 32	59 42	54 33	74 50	63 34	45 27	49 40	49 10	38 14	50 28	56 38	62	66 32	62 55	60 38	42 32	60 35	40 31	36 23	35 19	43		54.6 34.1
LOUISVILLE W8 AP	MAX MIN	62 51	56 35	58 33	71 54	79 41	41	41 29	50 24	55 26	67 34	58 39	60 33	74 56	63 30	43 28	51 34	34 13	38 13	56 28	60 33	62 38	66 30	63 52	55 34	42 32	59 38	38 31	31 24	34 21	42 23		33.6
LOVELACEVILLE	MAX	68 47	64 41	68 35	69 59	75 51	51 26	43 18	53 20	61 23	68 39	60 45	60 34	75 51	67 29	38 28	42 36	40 11	42 11	57 19	58 30	68 33	68 29	68 51	61 41	45 38	54 35	35 29	30 17	35 14	47 19		55.7
MADISONVILLE 1 SE	MAX MIN	66 49	60 46	60 33	67 59	78 56	56 28	41 21	52 21	58 24	66 36	61 42	59 31	73 47	68 30	41 26	45 39	42 10	39 12	57 26	61 29	64 38	65 25	67 45	65 39	50 23	40 30	31 21	49 21	40 16	45 20		55.5
MAMMOTM CAVE PARK	MAX	61 48	60 42	55 32	70 50	78 61	74 28	41 26	5 2 2 0	54 24	65 34	60 50	63 39	72 47	65 32	42 29	47 39	44 13	39 8	54 23	60 30	63 40	67 33	62 52	59 43	44 31	59 31	52 31	32 23	29 15	42 17		33.0
MANCHESTER 4 SE	MAX	63 43	58 43	68 25	76 50	76 58	71 34	44 29	54 18	58 19	65 22	63 29	63 37	70 32	64 37	44 36	55 41	54 27	44 12	55 17	67 24	67 36	67 24	58 45	63 44	46 31	55 28	60 37	37 29	32 21	40 10		57.9 31.3
MAYF1ELD	MAX MIN	66 48	65 46	66 47	67 58	75 47	50 27	43 21	55 22	60 24	68 39	60 47	62 36	74 56	67 30	45 29	43 37	41 13	39 14	56 24	58 33	65 34	67 32	69 53	60 39	45 25	60 38	40 28	33 20	37 18	45 22		56.0 33.6
MAYSVILLE DAM 33	MAX	62 52	60 41	53 27	58 26	75 51	78 39	40 29	43 23	51 24	52 27	64 28	59 31	53 31	72 48	61 34	45 35	55 21	27 11	38 13	50 21	55 25	61 25	67 25	60 50	57 30	37 26	52 35	40 30	33 23	30 19		30.0
MIDOLES80RO	MAX MIN	69 57	64 38	64 24	75 52	72 61	70 35	44 28	55 18	59 19	63 20	57 30	66 37	70 30	65 38	64 37	60 50	55 28	43 14	58 17	60 22	63 36	68 29	60 42	65 46	46 33	51 28	56 38	39 29	30 21	40 12		58.4
MONTICELLO	MAX MIN	61 51	61 41	67 29	71 54	80 60	71 30	41 27	50 19	55 21	66 25	60 31	63 39	70 51	62 35	44 34	53 43	52 23	42 12	53 19	61 27	65 41	69 28	60 54	59 44	45 32	61 29	60 33	34 26	28 20	40 14		56.8 33.1
MOUNT STERLING	MAX	62 50	58 42	61 28	73 47	78 58	73 28	41 26	48 20	46 28	64 30	58 41	56 35	70 43	63 32	43 28	52 41	51 16	36 10	52 23	58 25	64 29	68 30	60 40	58 41	43 27	67 31	53 33	35 27	30 18	37 16		55.3
MOUNT VERNON	MAX	60 46	60 31	56 25	70 55	76 58	70 30	40 25	46 18	53 20	64 25	60 46	61 40	70 45	63 32	42 32	53 40	52 15	40 11	51 23	61 28	63 35	67 26	62 51	56 34	40 30	53 29	59 33	34 24	25 18	37 15		54.8 31.3
MURRAY	MAX	67 50	65 45	63 39	67 60	79 4 7	47 28	43 18	54 23	60 25	67 38	60 46	65 40	74 55	65 30	39 28	43 38	40 13	40 8	55 21	58 33	65 33	66	68 55	58 39	47 28	59 37	37 23	32 20	36 16	46 19		55.5
OWENSBORO 2 W	MAX MIN	65 46	59 46	54 35	65 54	78 61	61 28	41 27	54 23	57 24	65 37	56 43	52 33	73 50	64 33	42 26	45 40	42 12	37 13	56 22	58 31	66 37	68 31	69 51	60 40	41 31	55 33	40 31	31 21	34 21	44 18		54.4 33.3
PADUCAH FAA AIRPORT	MAX MIN	64 46	61 41	68 41	68 60	74 34	34 24	41 22	52 21	58 24	66 40	58 36	61 33	74 36	36 29	37 28	41 23	25 12	40 14	55 21	57 33	64 38	65 30	66 53	55 35	45 28	52 33	33 20	28 19	35 15	46 20		52 • 0 30 • 3
PADUCAH	XAM NIM	70 49	65 43	68 36	70 50	75 52	52 28	44 24	53 23	60 25	67 40	61 44	58 35	75 50	67 30	38 27	42 37	41 11	41 13	57 18	59 31	63 34	6 8 30	69 46	62 43	44 30	55 36	39 29	31 19	36 18	46 18		55.9
PIKEVILLE	MAX	65 50	62 44	71 29	79 53	80 66	75 38	45 32	52 24	57 25	67 26	61 30	62 44	75 35	61 40	45 39	54 40	55 27	43 17	56 21	64 27	67 37	69 29	53 45	62 44	44 32	48 30	57 40	40 30	30 24	43 18		58.1 34.5
PRINCETON	MAX	68 48	66 40	62 32	68 57	79 57	57 28	46 26	56 20	60 23	66 28	59 43	59 34	73 44	67 31	40 28	44 39	42 12	43 11	61 19	60 28	67 30	65 28	70 40	64 44	44 31	61 40	47 29	33 18	31 15	46 15		56.8 31.3
RICHMONE	MAX MIN	68 50	60 44	55 29	60 35	70 58	77 34	35 27	41 23	47 22	53 24	63 34	59 37	57. 37	69 50	60 30	45 35	52 18	26 10	38 13	53 25	62 32	62 34	66 43	57 46	55 31	48 29	56 36	36 27	34 20	26 18		53.0
RUSSELLVILLE	MAX	65 53	62 40	60 33	69 52	80 52	63 29	43 26	52 21	57 22	67 32	62 46	65 40	73 52	65 31	45 30	46 40	46 15	40 12	55 25	61 30	64 38	67 36	64 54	61 43	46 36	58 33	38 22	36 22	34 18	44 21		56.3 33.5
SCOTTSVILLE	MAX	64 53	62 46	62 33	71 51	79 50	50 28	41 26	52 20	58 22	66 35	61 42	65 37	73 53	65 34	42 32	48 41	47 16	41 11	56 24	61 30	65 42	68 34	62 54	61 45	45 31	59 34	57 32	32 26	32 18	43 19		56.3 34.0
SHEL8YVILLE 2 W	MAX MIN	62 55	58 44	58 30	71	77 63	77 29	40 28	49 23	53 24	64	60 43	53 30	71 48	65 32	42 29	50 40	47 13	36 10	54 21	60 2 5	60 37	66 31	62 51	59 49	39 2 9	57 33						57.3 33.8
SOMERSET 1 N	MAX MIN	60 48	59 45	61 26	68 52	76 59	67 28	40 26	51 22	54 21	64 24	59 31	60 38	68 42	62 33	41 32	57 40	49 19	36 11	53 19	62 24	63 39	67 27	57 50	58 42	42 30	53 28	60 31	33 23	28 18	39 15		54.9 31.4
SUMMER SHADE	MAX MIN	61 46	60 39	62 31		80 60	64 28		52 21			61 41			60 33		50 40		42 12		63 28			60 52			58 29	54 32			42 17		56 • 2 32 • 5
VANCEBURG DAM 32	MAX MIN	63 40		60 27		79 40	78 28	43 28	48 23	52 26		60 35	51 31		67 36				36 12		54 25		64 26	60 45			47 28	44 27			38 19		55.5 30.7
WARSAW MARKLAND DAM	MAX MIN	65 50	55 34		70 50	77 50	50 30	42 29	54 21	54 25	67 29	58 43	45 32	73 56	61 35	45 30		40 14	37 14	55 22	62 29	60 38	67 28		51 35	37 28	45 35	44 33			40 22		52.8
WEST LIBERTY	MAX MIN	65 52	61 40	55 23		77 56	74 35		53 18			65 20			71 36				27 10		52 20		64 22	68 25	58 48		38 29	61 31			27 11		54.1 28.0
WILLIAMSBURG 2	MAX MIN	66 58	66 46	64 28		76 54	75 40		46 19			64 27	58 40		69 42				39 12		58 21			57 31			48 29				27 14		57.2 31.2
WILLIAMSTOWN 5 WSW	MAX MIN	62 48	58 41		58 33	72 54	76 29		39 21	50 24	50 26		52 30		70 32	35 26		52 10	22 9		52 23	60 31		66 3I			40 24	55 35			28 16		50.5 27.8
WOLF CREEK DAM	MAX MIN	64 56		60 27		71 58	80 35		43 20			67 24			71 38				30 12		56 16			67 30			55 32	64 35			29 14		56•4 28•8

EVAPORATION AND WIND

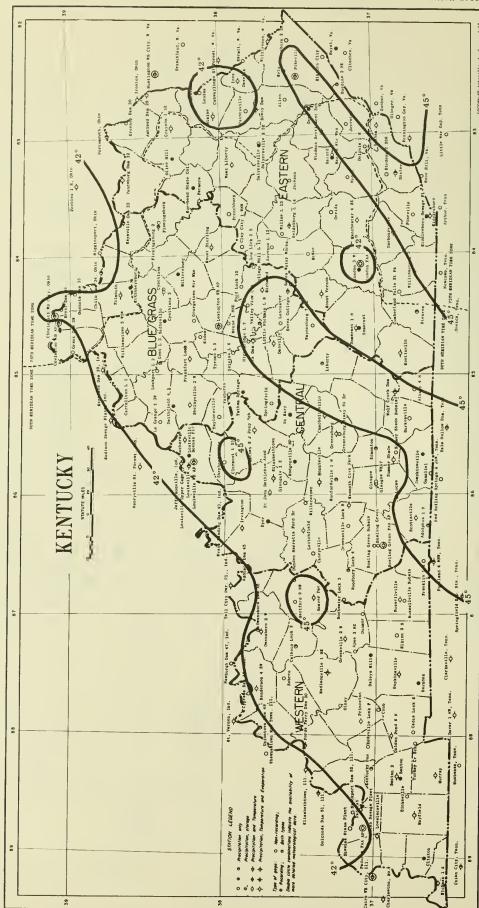
RENTUCKY NOVEMBER 1959

																	Day o	Lmoi	ath														
Station		1	3	J	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	10	20	21	22	21	24	25	26	27	38	29	30	31	Total Ang
WOLF CREEK DAM	EVAP	.04	.11	.12	.03	.30	, 04 91	79	34	14	13	-60	-11	24	80	81	29	52	58	26	24	15	15	40	40	60	70	76	65	B2	21		1427

Station															I	Day	of m	onth													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28 2	29	30
ARDSTOWN S J PREP SCHOOL	SNOWFALL SN ON GND						т																		т	т		т	1.5	.5	
EAVER DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-		-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENHAM	SNOWFALL SN ON GND																									T	1.5		2.5	5.0	1.0
EREA COLLEGE	SNOWFALL SN ON GND	-	_	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND						Т																					т	T 1	1.0	
AMPBELLSVILLE	SNOWFALL SN ON GND																												1.0	T	т
OVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						Т	Т					Т		т										.1	T	T T	1.3 T	. 5 1	. 4 1	T T
YNTBIANA	SNOWFALL SN ON GND																									T	т		2.0 T	T	т
ANVILLE	SNOWFALL SN ON GND																												1.2	1	
ARMERS	SNOWFALL SN ON GND																									T			3,0	T 2	T 1
ORDS FERRY DAM 50	SNOWFALL SN ON GND																												Т	. 2 T	T
EST LOCK 3	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
AZARD WATER WORKS	SNOWFALL SN ON GND																												- 1	1.0	3
EIDELBERG LOCK 14	SNOWFALL SN ON GND																												2.5	.5	T 2
ENDERSON 7 SSW	SNOWFALL SN ON GND																											т	.3 T	т	
DPKINSVILLE	SNOWFALL SN ON GND							Т																						Т	
RVINGTON	SNOWFALL SN ON GND																												т	т	
EXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						т									т									т	T		. 5	.1 1	r ²	т
ONDON FAA AIRPORT	SNOWFALL SN ON GND															т									т	т		4.2	.3	T 3	1
OUISVILLE WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						т								т										т	T		.3	1	T	•
AMMOTB CAVE PARK	SNOWFALL SN ON GND																									Т			1.0	.7 T	
AYSVILLE DAM 33	SNOWFALL SN ON GND																												-	- T	т
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ILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND																									T			2.0 1	20	1



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

MUNEMBER 1989

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REMIAM BINTON BINTON 2 BITTER COLLIGE BETER WATEN WORK	OSS HAN OSI HAN OSE MAN OSE MAC OSE MAE	CSHALL	2 9 9 4 A	96 98 96 91 36 91 97 36 37 33	82 57 88 20 88 20 88 17 88 15	305	8A RA 1P 1P 6P 6P 7A		C H	C. C. WHITTAKIR JAMES H. MILLER RABIO STATION WCGL JAMES A. GROSSMAN HNS. LAURA B. GAUBARD	1	LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS MADISONVILLE I SE MAMMOTH CAVE PARE	4967 9007 9067 9097	JEPETRSON RALLARO BARREN HOPEINS EDHONSON	3 3 3	3R [7] 36 5R 36 53 37 19 37 21	R5 48 RR 50 R6 02 R7 29 R6 06	803 3TO 738 439 800	5P 5R	TA TA	н	RERINE HALONE WILLERO E. EDSTER HOMER MELBORN, JR. NATIONAL PARK SERVICE
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RRINT DAM TO BROWNSVILLE LOCK O BURKETVILLE CADIZ LOCK F	0978 CAR 1046 FOR 1120 PIR 1137 CUR 1206 TRI	HPBFLL HON YON KE HINE RE ANO IGG	7 1 1 2 2	19 01 17 17 17 11 16 47 16 A6	8A 25 86 16 82 35 85 22 8T 58	497 A10 1643 600 A24	7A 7A 8A 7A 7A		c	CORPS OF ENGINEERS ELDRIDGE SKAOGS EDWIN E+ JOHNSON MAPVIN M+ LLE CORPS OF ENGINEERS		META MIDOLESBORO MIDOLESBORO SEWAGE PL MIDWAY MILLERSBURG	5389 5394 540 T 5430	PIKE BELL INFLL WOODFORD BOURSON	1 2 2 A 5	37 3A 36 37 36 38 38 09 38 18	82 27 83 43 83 43 84 A1 84 09	730 1130 1130 789		TA BA	C H	CHARLES HUNRAY HES, LILA M. HERBILL CITY OF MIODLESBOWD CITY OF MIODLESBOWD DAVID C. BALLEY OVA H. LAWLER
CALMOUN LOCK 2 CAMPBFLLSVILLF CANCYVILLF CARROLLTON LOCK 1 CLAY CITY 1 WAW	1221 MC 1236 TAN 1294 GRI 1345 CAR 1376 POR	LEAN YLDR AYSON NROLL	3 3 3 A 4	17 32 17 20 17 21 58 61 17 12	8T 16 85 21 88 30 85 1L 83 56	A02 771 600 A80 712	7A 6P 6P 7A 6P 6A 7A		Н	CORPS OF INGINEERS ALVA MC KINLEY G. V. COX SR. CORPS OF ENGINEERS JOEL W. MOUNT?		MILLERSTOWN MONTICELLO MOREMEAD STATE COLLEGE HOUNT STERLING MOUNT VERNON	5524 1515 5640 5648	GRAYSON WAYNE ROWAN MONTGOMERY BOCKCASTLE	3 2 5 5	37 27 36 50 98 11 38 0A 37 21	86 03 84 SB 83 26 83 56 84 20	960 770 930 1137	50.	7A 7A 5P 5P	H	ALVIN L. BERTRAM IMACTIVE 9/5T FRED CARTMILL CITY OF HT. VERNON
CLENMONT 1 SSE CLIMIOM COBB COLLEGE MELL LOCK II B COVINCTOM MB AIRPORT	1611 8UE 1631 HFG 1663 CAS 1704 FST 1833 800	CCMAN CCMAN LOWFEL TILL ONE	6 2 A 7	17 51 16 A1 36 19 17 47 19 OA	85 40 89 00 87 47 88 06 88 80	340 390 490 611 869	5P' 5P 7A 7A 410 MIO		C HJ	BERNHEIM EQUIDATION WOODSON OF FRANKLIN MIS BENNIE B. WHITE CORPS OF ENGINEERS U.S. WEATHER BUREAU		MUNFORDVILLE 1 N MURRAY OLIVE HILL 2 WNW OLNEY ONEIDA	6026	HART CALLOWAY CARTER HOPKINS CLAY	3 9 7 T A	37 16 36 36 38 19 37 18 37 16	85 53 88 20 83 12 87 47 83 39	636 622 895 533 750		7A 6P RA 7A	C H	EDWARD A. RICMARDSON MURRAY STATE COLLEGE GEOMGE E. DUVAL MFLVIE PARLEE NEISZ MRS. ANNA L. BROWN
CUMBERLAND FALLS NT PK CYNTMIANA CYNTMIANA 2 CANVILLE DAVELEA	1969 HAI 1998 HAI 2003 HAI 2060 800	RRISON RRISON	2 2 3 4 1	36 23 38 23 38 23 37 10 37 A8	8A 19 84 18 84 17 8A A6 82 32	1070 68A 719 945 718	5P 7A 8A 8A 7A 7A		н	EY. DEPT. OE CONS. MARSHALL HILL KY. CARDINAL DAIRY R. P. COLOIRON MRS. EVA M. DAVIS		ONEONTA DAM 35 OWENSBORD 2 W OWENSBORD DAM 46 PADUCAM FAA AIRPORT PAOUCAM	6091 6096 6110	CAMPBELL DAVIESS DAVIESS MC CRACKEN MC CRACKEN	7 7 7 7	36 58 37 86 37 47 37 04 37 06	8A 18 87 09 87 07 88 A6 88 37	340	6P	7A 7A 6A 41D 5P	C H	CORPS OF ENGINEERS VIRGIL D. CLARK CORPS OF ENGINEERS EED. AVIATION AGENCY WESTERN P. LACKEY
DELPMIA 1 T DEMA OLWIY DAM DEX DAM DUNCEE BARRETTS FORD BR	2157 PCI 2139 KNI 2180 FLI 221A MEI 2358 OM	077 070 8068	4 1 4 3	37 02 37 21 37 A1 37 48 37 33	83 07 82 48 82 47 8A 43 86 A3	16A7 850 693 870 4A0	7A 7A AP 7A 7A	7A 7A		BALLARD F. WALKER. JR. HATIIE B. BARNEY CORPS OF ENGINEERS PHILLIP D. THACKER JESSE L. HUFF		PAOUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON		HC CRACKEN JOHNSON PIKE BELL CALDWELL	7 1 1 2 2	37 06 37 49 37 29 36 45 37 06	88 36 82 48 82 31 83 42 87 53	325 620 686 1002 529	5P	7A 8P 7A 5P	СН	CITY OF PAQUEAH JESSE FAIRCHTLD U.S. WEATHER BUREAU FOLEY PARTIN ALTON M. HARVILL
DUMMOR DYER EDOYVILLE LOCK F EDMONTON ELIZABETHTOWN	2366 MUI 2391 BRI 2845 LY 2469 ME 2510 HA	HLENBERG ECKEMRIDGE ON TCALFE ROIN	3 2 3 3 3 .	37 05 37 43 37 03 37 00 37 41	87 00 86 13 88 05 85 37 85 52	592 793 420 865 739	7A 7A 7A 6P, 6P		C H	N. D. GIVENS LENA BLAIR CORPS OF ENGINEERS JOHN E. MORAN RADIO STATION WIEL		RAVENNA LOCK 12 RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA	6805 6882 7045 7056	ESTILL MADISON OMIO LOGAN LOGAN	3 3	37 A0 37 A4 37 13 36 51 36 50	83 57 8A IR 86 5A 86 53 86 5A	2/6	6A 6P	7A 8A 7A 7A 7A	н	CORPS OF ENGINEERS THOMAS C. HERNDON CORPS OF ENGINEERS MM. B. PORTER TVA-683 LAWRENCE ROGERS
ELKMORM CLTY ELKTOM 2 S FALMOUTM FARMER'N FLEMINGSBURG	2903 FL	DD MOLETON WAN EHING	1 2 5 5	37 1R 36 47 38 40 38 09 38 25	82 21 87 10 84 20 83 33 83 A3	800 520 560 668 870	7A 7A 6P 7A 4P 7A 7A		н	EOHONO O. BENNETT 5. RICHARD ANGERSON FRANK H. LAWSON MRS. C. C. STAMPER HRS. JEAN FLEMING		SACIEVILLE ST JOHN BETHLEHEH ACAC ST. MARY SALVISA LOCK 6 SALVERSVILLE	7091 7096 7121 7129	SCOTT HARDIN MARION WOODEORD MAGOEFIN	8 8 4 5	37 56 37 45	84 33 85 59 85 21 84 49 83 05	859		6A	c	INACTIVE 8/99 JOHN B. BAUER CORPS OF ENGINEERS STANLEY GARONER
FLEMINGSAURG 2 FORD LOCK ID FORDS FERRY DAM 50 FRANKFORT LOCK 6 FRANKLIM 1 E	2908 FL 2953 MA 2961 CR 3028 FR 3036 SI	EMING DISON ITTENDEN PANKLIN MPSON	5 4 7 A 3	38 25 37 14 37 28 38 1A 36 43	83 45 8A 16 88 06 84 52 86 34	911 660 356 504 690	6P H10 6A 6P, 6A 6A 6A 7A		СН	WILLIAH H. FISCHER CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS MRS KATIE O. NEAL		SALYERSVILLE 2 SE SCOTTSVILLE SCOTTSVILLE 2 SW SEBREE SHAWNEE STEAM PLANT	731	MAGOFFIN ALLEN ALLEN WEBSTER HC CRACKEN	3 3 7	37 44 36 45 36 44 37 36 37 09	83 03 86 12 86 13 87 32 88 A7	3A 5		7A 5P 7A 6P 5A		EORREST C. WILLIS NOBLE ALLEM HRS. IDELL F. DEERING PAUL D. TOMPKINS TVA-709
FREEBURN 2 SW FRENCHBIIRG GAMALIEL GEORGETOWN WATER WORKS GEST LOCK 3	3046 P1 3052 HE 3112 MO 3194 SC 3203 HE	NIFEE NROE OTT	1 5 3 4 4	37 33 37 57 36 38 38 12 38 25	82 10 83 39 85 48 84 33 84 53	730 864 860 888 A90	7 A 8 A 7 A		СН	HRS ALTA S. GOOSLIN MISS ESTHER WILSON E. GUY DECKARD WILLIAM F. BRAHBLETT CORPS OF ENGINEERS		SHELBYVILLE 2 W SHEPHEROSVILLE SMITHFIELD 4 S SOMERSET SOMERSET 1 N	733 747 750 751	SHELBY BULLITT SHELBY PULASKI	8 8 2 2	38 13 38 00 38 20 37 06 37 07	85 16 85 48 85 16 84 37 84 37	862 1050 1050	6P	7A 7A	C C H	MRS. WILLIE S. RATTA OVID K. MAGRUDER GEORGE E. SIMPSON CORPS OF ENGINEERS RADIO STA WSFC
GLASCOW GLASGOW WKAY GLENDALF 1 E GGLOEN POND 8 N GRANT DAM 38	3241 BA 3246 BA 3252 HA 3295 TR 3358 BC	ARREN ARDIN RIGG DONE	3 . 3 . 3 . 2 . 7	37 00, 37 00 37 36 36 54 38 59	85 55 85 54 85 94 88 00 84 50	710	7A 6P 6P 7A 4P 4P			EHILY M. BEAM RADIO STATION WKAY OFMEY S. HILL FISH + WLDLF. REFUGE CORPS OF ENGINEERS		SPRINGFIELO STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TATHAM SPRINGS	780	WASHINGTON THE CREARY OF METCALFE METCALFE WASHINGTON	3 3 8	36 53 37 52	85 1A 84 29 85 43 85 40 85 09	692	6P	7A 7A 6P 7A	C H	TVA-68A R. C. DEDMAN
GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 BR GREENUP DAM 30 GREENVILLE 2 W	3392 CA 3A30 GR 3435 GR 34A3 GR 3451 MU	ARTER REEN REENUP JHLENBERG	7 3 3 7 3	38 19 37 15 37 15 38 37 37 12	82 56 85 30 85 30 82 51 87 12	900 630 590 538 519	6A 6A 7A 7A 7A 7A 5P 5P	l.		ALBERT G. SWANAGAN MOWARD PICKETT LYNN T. BLAKEMAN CORP OF ENGINEERS C. R. LOVELL		TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49	806 814 817 819	8 SPENCER O MONROE 4 TRIGG 9 ANGERSON 7 UNION	8 3 9 4 7	36 42 36 45 38 02 37 46	85 21 85 41 88 05 84 51 87 57	920 390 524 358		7A 7A 7A 6A	c	MRS. KATHRYN 8. CARR STANLEY HURD TYA-680 CORPS OF ENGINEERS CORPS OF ENGINEERS
HALEYS MILL HARTFORD 6 NW HRZARD MAZARD WATER WORKS HEIDELBFRG LOCK 14	3539 CH 3652 OH 3709 PE 3714 PE 3741 LE	HRISTIAN HIO ERRY ERRY	3 4 4	37 03 37 32 37 15 37 15 37 33	87 20 86 54 83 12 83 11 83 46	429 869 880	8 A 7 A 5 P 6 A		C H	CLEATUS E. BRINKLEY OAVID K. CARSON H. A. BAILEY LEE J. HOGSTON CORPS OF ENGINEERS		VALLEY VIEW LOCK 9 VANBUREN VANCEBURG DAM 32 WARSAW MARKLANO DAH WAYNESBURG 7 NE	825 825 844 848	6 JESSAMINE 0 ANDERSON 9 LEWIS 6 GALLATIN 6 LINCOLN	8 7 7 2	37 51 37 58 38 39 38 46 37 25	84 26 85 10 83 21 84 58 84 36	525 466 1215	7.A	7A 7A 7A 7A 7A		CORPS OF ENGINEERS EVERETT M. MC GAUGMEY CORPS OF ENGINEERS CORPS OF ENGINEERS MRS. RITA RIDDER
HENDERSON 7 SSW HERNOON HICKMAN 1 E HICKSVILLE HIGH BRIDGE LOCK 7	3798 CH 3816 FL 3821 GF	ENOERSON HRISTIAN ULTON RAVES ESSAMINE	7 2 6 9 4	37 45 36 44 36 34 36 48 37 49	87 36 87 34 89 10 88 30 84 43	512 362 440	6P 6F 7A 75 73 63	A.	С	C. W. KEATTS MRS. NELL S. CALVIN TVA-679 CORPS OF ENGINEERS		WEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK DAM	870 871 872 880	1 HORGAN 9 WHITLEY 4 GRANT 4 LEE 7 RUSSELL	5 2 4 A 2	36 44 38 38 37 36 36 52	83 15 8A 10 8A 38 83 50 85 09	1010 914 6A9 585	8A 8A 7A		A C	MRS. ELIZABETH BROWN ESTIL H. MEADOWS HENRY NORTHCUTT CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS
HINOMAN SETTLEMENT SCH HODGENVILLE NAT PARK HOPKINSVILLE HYDEN INEZ	3899 KP 3929 LA 3994 CB 4093 LB	ARUE HRISTIAN ESLIE	4 3 2 4	37 20 37 32 36 51 37 10 37 52		788 540	8A 87 7A 77 6P 61	A.	СН	HRS. FERN F. ELAH UNITED FUEL GAS CO.		WOODBURY LOCK 4	882	4 BUTLER	3	37 11	86 36	504		7A .	c	CUMPS OF ENGINEERS
IRVINGTON JACK FON JEREMIRH KEENE 1 NNE KENTUCKY DAM	4255 L4	RECKINRIDGE REATHITT ETCHER ESSAMINE IVINGSTON	3 4 4 4 9	37 53 37 33 37 10 37 57 37 01	86 17 83 23 82 56 84 38 88 16	795	7P 71 71 51 71	A P A	н	FLOYO G. ROBBINS JAMES O. MALONEY HOBART ISON HUGH W. BUFFIN TVA-379-A												
LA GRANGE 1 SW LANCASTER LEITCHFIELD LEXIMSTON WB AIRPORT LIBERTY	4595 01 4620 Gr 4703 GI 4746 Fr A755 Cr	ARRARO RAYSON AYETTE	7 4 3 4 3	38 24 37 37 37 29 38 02 37 21	85 24 84 35 86 18 84 36 84 55	5 1032 6A2	6P 8: MIO MII	A A D	C H	ALBERT V. MAROIN KENTUCKY UTILITIES CO. CLYDE STIKELEATHER J U.S. WEATHER BUREAU PALLIA F. MANKLA												

^{* 1-}BIG SANDY, 2-CUMBERLAND, 3-GREEN, 4-KENTUCKY, 5-LICKING, 6-MISSISSIPPI, 7-OHIO, 8-SALT; 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Divisious, as used in "Climatological Data" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- $\ensuremath{\mathtt{X}}$ Observation time is 1:00 a.m., EST of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U.S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-HATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data for this respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.



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U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

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DECEMBER 1959 Volume LIV No. 12



THE 29 1960

KENTUCKY - DECEMBER 1959

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 73° on the 27th at Inez

Lowest Temperature: 10° on the 1st at Hindman Settlement School

Greatest Total Precipitation: 5.91 inches at Dunmor

Least Total Precipitation: 1.79 inches at Grayson 1 SE

Greatest One-Day Precipitation: 1.99 inches on the 19th at Williams-

burg 2

Greatest Reported Total Snowfall: 8.5 inches at Benham

Greatest Reported Depth of Snow on Ground: 5 inches on the 1st at

West Liberty

CLIMATOLOGICAL DATA

DECEMBER 1959

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western						٦						Ţ.	r											
REAVER DAM BENTON 2 FORDS FERRY DAM 50 GOLDEN POND 8 N GREENVILLE 2 W		49.7 50.3M 49.6 52.3 50.4	32.4 32.5M 33.7 32.8 32.8	41.1 41.4M 41.7 42.6 41.6	3 - 1	68	27 27 10 27	20 17 19	7	733 728 717 688 717	0 0 0	0	3 3 6	00000	4.07 4.66 3.99 4.73	•85 - •12	.88 1.05 1.13 1.1D .90	17 12 28 11 12	•D	0		7 9 6 7 7 7		0 2 1 2 0
HENDERSON 7 SSW HICKMAN 1 E AM HOPKINSVILLE AM LOVELACEVILLE MADISONVILLE 1 SE		48.5 52.0 49.4 50.6 50.5	33.3 31.3 32.4 32.9 32.6	40.9 41.7 40.9 41.8 41.6	1.9	65 63 65 65	26 28+ 27 27	19 15 18 15 20	9 7 7 7 9	740 716 739 712 720	000	0 1 0 1 0 1	6 6 5 9	0 0 0 0	4.35 4.11 4.12 3.6D	.03	1.32 1.25 1.22 .93	11 12 11 18	T T	0		6 7 5 6		1 2 0 2
MAYFIELD MURRAY OWENSBORO 2 W PADUCAH FAA AIRPORT PADUCAH		50.7 51.0 49.2 48.8 50.8	34.5 33.9 33.3 32.7 33.7	42.5 41.3 40.8 42.1	2 • 5 4 • 0	64 65	10 10 27 27 27+	18 19 16 18		688 693 729 743 694	00000	0 1 0 1	5 6 4 3	0 0 0 0 0 0		82 .77	1.28 1.60 1.02 1.40 1.30	11 12 11	T T T	0 0 0		6 8 6 5	2 4	2 2 2
PRINCETON RUSSELLVILLE		51.0	33.4	41.5	2.7	63		16	7	723	0	0 1		0	4.25	08	1.50	12	7			7		2
DIVISION				41.7	3.0								1	V	4.09	.27			T					
CENTRAL ANCHORAGE BARDSTOWN S J PREP SCH BONNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE		47.3 48.7 49.8 49.3 49.2	30.1 31.6 31.1 31.5 32.8	38.7 40.2 40.5 40.4 41.0	3.1	69 69 67 64 67	27	17 19 16 15 21	9 10+ 7 7	808 762 754 758 735	00000	0 0 0	18	0 0 0 0	3.90 4.37 5.17 4.20 4.21	22	1.12 1.20 1.03 1.57 1.25	12 12 28 27 28	T 1.0	T T 1	3D 6 6	7 7 10 5 9		1
CLERMONT 1 SSE ELIZABETHTOWN GLASGOW WKAY GREENSBURG 1RYINGTON	.M	50.4M 49.0 49.1 49.4 48.3	32.2M 33.2 32.6 30.1 31.7	41.3M 41.1 40.9 39.8 40.0	1.6	67 64 68	27 27 27 28 27	19 19 19 18 18	7	721 734 743 776 768	0 0 0 0		16	00000	4.68 5.14 5.30 4.46 4.26	•54 •78	1.44 1.36 1.70 1.73 1.24	12 12 28 28 12	1 · 0 T . 3	T T O O	30+	8 9 7 9	2 2 3	2 2 1
LEITCHFIELD LOUISVILLE LOUISVILLE WB AP R MAMMOTH CAVE PARK SCOTTSVILLE		48.5 48.8 47.7 49.2 50.7	33.4 32.8 32.0 32.4 33.4	41.0 40.8 39.9 40.8 42.1	2 • 7 3 • 0	69 69 63	27 27 27 27 27	18 21 21 17 16	7 7 9 7	740 744 771 743 705	0 0 0 0	0		0 0 0 0	4.64 3.98 3.77 4.91 5.06	.56	1.58 1.50 1.00 1.61 1.82	12 12 17 28 28	*1 T *3 T	0 1 1 0	31+30+	8 + 5 + 10 9	3 4 3 2	1 2 2
SUMMER SHADE WOLF CREEK DAM	LM.	49.7M 50.0	31.4M 30.2	40.6M 40.1			27	19 13	7	750 764	0		17	0	4.11		1.17	28	T	T	5	9		1
DIVISION				40.5	2.6		М								4.51	.66			• 2					
BLUE GRASS																1.6	0.5	12			1			
CINITIANA 2	AM AM	51.9M 47.9 44.7 47.2 47.4M	31.7 31.5 30.6 28.6 30.1M	41.8M 39.7 37.7 37.9 38.8M	4 - 1	67 64 68	27 27 27 27 28 28	16 15 16	22 22 22 22+ 23+	711 777 841 833 807	00000	0	17 19 21 24 21	0 0 0	D 3.41 2.72 3.03 D 3.56 3.91	15 .05 .20	.95 .80 1.09 .70 1.08	12 12 12 28	3.8	1 1 1	31 31 21 7	+ 5	2	1 0 1
DIX DAM FALMOUTH FLEMINGSBURG 2 FRANKFORT LOCK 4 LEXINGTON WB AIRPORT R	AM	49.0 47.8 47.1 47.5 45.5	33.2 30.6 31.2 29.4 31.4	41.1 39.2 39.2 38.5 38.5	1.1		27	15 21 18	22 9 20+ 23 22	731 791 794 815 813	00000	0 2 0	15 20 18 23 17	0 0 0 0	4.05 3.38 3.44 2.40 4.43	.36 77 .75	1 • 08 1 • 41 1 • 12 1 • 05 • 82	12 12 12	.3 1.8	T T 1	31 31 6	+ 6	9 1 2 9 4	1 1 0
MOUNT STERLING RICHMOND SHELBYVILLE	AM AM AM AM	46.9 48.0 46.5 46.3M 46.3	28.6 31.4 30.5 30.9M 31.2	37.8 39.7 38.5 38.6 38.8		67	28 27 7 28 5 28 5 27	19	23 22 22+	838 776 813 803 806	0 0	0 1 0	23 19 21 21	0 0 0 0	3.26 D 3.56 3.49 2.00 2.76	.02	.95 1.15 .84 .79 1.07	12 28	2 • 5 T	1 3 T T	31 31	+ :	1 2 8 2 3 2 5 2	0 1 0 0 1
WILLIAMSTOWN 5 WSW	АМ	45.5	28.0	36.8	1.0	61	8 28	15	22	867	0	1	23	0	3.61		1 • 45	12		T	31	+	7 2	1
DIVISION				38.9	1.8										3.31	•07			1.2		1			
EASTERN				1	0.7		0 27	1	22.	730	0	0	16	0	2 • 40	42	•48	3 7	2.8	1	31	+	9 (0 0
	AM AM	49.2 52.1 48.7 49.0 49.5			M M	6	0 27 9 27 5 29 7 28 2 27	+ 13 12	1	738 733 810 807 822	0000	0 1 1 1 1	19 22 21 23	0 0 0	5 • 2 2 4 • 0 2 4 • 6 5 3 • 0 3	3	1.02	19	5 • 7 8 • 5 1 • 0	4 0	7	1	9 4 1 3 1 2 9 2	1 1 1 0 0
HEIDELBERG LOCK 14 R	AM AM R AM	49.1 49.2 47.0 49.0 47.1	29.1 29.6 28.5 30.4 26.5	39.1 39.4 37.8 39.7 36.8	3.1	7 7 6	2 - 28 1 27 0 28 9 27 8 28	15	7 10+ 6 22+ 8 11+ 8 22+ 0 1	785 838	0 0	0 1 0	22 19 23 19 24	0	1.96 2.71 1.79 3.31	60	•40 •59 •51 •70	1 28	1 • 6 3 3 T			+	8 1	0 0 0
INEZ LONDON FAA AIRPORT MANCHESTER 4 SE MIDDLESBORO MONTICELLO		50.8 47.1 50.9 51.7 50.2	30.0f 29.9 30.8 31.8 33.1	38.5 40.9 41.8		6 7 6	3 27 4 26 0 26 5 27 5 27	+ 1	8 7 5 8 6 8 1 22		0 0	1 0	22	00	3.99	5	1.63	7 1	3 T	0	7	1	0 2	1 1 1 2 1 3 2 3
				,																	1			

CLIMATOLOGICAL DATA

KENTUCKY DECEMBER 1959

CONTINUED

					Ten	Israq	ore											Precip	noitation					
						-						No. of	Days						Sne	ow, Sleet		N	lo of	Days
Station		Average	Average	Average	Departure From Long Term Means	Highest	Date	Lowest	Date	Dogree Days		JO 34	Below on Min	2 8	Total	Departure From Long Term Means	Greatest Day	Date	Total	Max Depth on Ground	Dare	.10 or More	.50 or More	1.00 or More
MOUNT VERNON PIKEVILLE SOMERSET 1 N VANCEBURG DAM 32 WEST LIBERTY	АМ	48.1 50.8 48.6 47.7 47.1	31.3 33.8 31.1 30.9 27.2	39.7 42.3 39.9 39.3 37.2		67 70 67 70	27 27 27	18 21 19 19	23 7 22	778 698 774 791 856	00000	0	16 17 21	00000	4.55 2.42 5.10 2.47 2.67		.94 .69 1.16 .82 .56	11 18 28 12 28	T T 2•3	2 T 0 5	7 7+	8 7 10 7 7	2 5 1	0 0 1 0 0
WILLIAMSBURG 2 DIVISION	AM	51.3	30.3	40.8	1.0	-	28	14	1	742	0	0	20	0	5.68 3.71	2.03	1.99	19	•0 1•9	0		10	3	1

SUPPLEMENTAL DATA

=	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	erages -		Num	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:00 a CST	6:00 a CST	12:00 p	6:00 p	Trace	0109	1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COVINGTON W8 AIRPORT	SW	15	10.4	28	NNE	18	81	84	70	74	2	12	3	1	1	0	19	-	8.5
LEXINGTON WB AIRPORT	S	16	10.8	-		~	85	87	73	82	6	5	5	4	0	0	20	-	8.3
LOUISVILLE WB AIRPORT	SE	11	8.2	31	SE	27	83	85	68	74	8	8	1	3	1	0	21	22	8.2

DAILY PRECIPITATION

FERRING TOO

	ਰ										Day	of mo	nth														
Station	Tott	1 2	3	4 5	В	7	8 9	10	11	12	13	14	ħ	10 1	7 18	B 1	9 20	21	22 2	3 24	25	26					*07 *
ADOISON DAM 45 ALBANY 4 N ALLEN ANLHORAGE APIX 2 NL	1.90		. 49	.16 .16	+ 1 3 + 4 9 + 4 0 + 6 + 1 7	: 09 : 15 T		1		1.17	1 100	-11	. 10	*	.49		- 1	; }	Ψ ,	0.0	<u>†</u>	.09	.7 .7	1.31 .18 .7T	+07 +05	7	.04 .
ASHLAND DAM 29 BANBOURVILLE BARDSTOWN 5 J PMEP 5CM BANZER 9EAVER DAM	2.40 5.22 4.17 4.02 4.07	.01 .04	.19	.01 .09	.15		.04		. 00 . 14	1 - 6 0 + 6 0 - 8 4 :	.17 .10 .01 .25	.01		.01	1 . 17	54	•00	e07	.01	e 2 e 0 e 1	0 .10	T ±09	1 •0 •14 •26 •06	a H 5	+07 +07 +25 +03	+09	017 0 005 0 005 0
BENHAM BENTON 2 BEREA COLLEGE BEREA WATER WORKS BLAIME	9+66 03+41 3+79 1+03	+ 9.5 1 + 3.7	.10	+21	• 10 • 10 • 10	+18 +90	=03	.09	.30	. 76 . 16	. 36 . 22 . 12	•0°			92 6 0 0 6 10 4 6	14. 1 121 140 176 115	•10 T	•22 T	T	* 0 T * 0	7 7	. 02	o fi	.72 .19 .74 .27	+01 +15 +09	±0%	*04 *
BONNIEVILLE BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENI OAM 16	9.17 4.21 4.07 4.20 3.35	-12 -07 -05 1 -04 -01	1	.29	- 32 - 22 - 02 - 22	T T T .07			001	.95 1.10 1.18 .34 1.29	.05 .10 T		1		•20 •71 •62	•49 •49 •02 •44	•05 T	т				010 019	T a 0 3 1 • 5 a 0 4	1.50 1.38 T .69	.06 .07 .08	.07 1 .09	.03 ° T ° T °
BROWNSVILLE LOCK 6 BURNESVILLE CADIZ LOCK E CALHOUN LOCK 2	4 + 13 2 + 13 1 + 52 4 + 40 3 + 79	T .21	1 +35 T	1 al 2	•26 •52 •29 •26	T . 70 T			T + 75 + 21	1.42 .10 1.02 1.40 1.05	.06	T44		a 0 7	T .36	. 74	T					.01	. 22	.21 1.04 .75 .63	.08 .05	T #07	T .
CAMPRELLSVILLE CANE VILLE CARROLLTON LOCK 1 CLAY CITY \$ WNW CLERMONT 1 SSE	4.21 4.50 2.72 1.26 4.68	.31 T	.23	.02	.39 .22 .21 .48 .16	.01		Ť	.36	1.65 .30 .92 [.44	.09 .06 .28 .28		T	T	#43 #05 T	e 23 e 62 e 70 e 40 e 94	T	T .02		т		• 02 • 02	t 23	1.20 .44 .52 .80	e 0 4 e 0 7	.05 .10 .08 .02	T 0 02 0 005 0 005 0 001 0
COBB COLLEGE HILL LOCK II COVINGTON WB AIRPORT R CUMBERLAND FALLS ST PK CYNTHIANA	4.55 3.21 3.03 4.90 3.93	.12 .01 .31	.26	.05	.34 .05 .69	.07 .02 .03 T	T	•02		1.26	• 31 † •11 •20	Ť		т	.03 .22 .05 1	•68	T	03 •06 T	•03 T	T .	1	T •05	* 45 • 03 • 06	.66 .04 .44 .78	.10 .05 .04 .06	.08 .09 .06 .03	.03 . .05 . .03 . .05 .
CYNTHIANA 2 OANVILLE DELPMIA I E OEWEY OAM OIX OAM	03.96 3.91 4.06 1.96 4.05		•40 •47 •30 •39		-39 -39 -67 -60 -44	0.09 .03	1 T			.70 .99 .44 .20		•03 •29			.04 .60	.69 .27 .80 .27	.03 .18	D+10	*01 T *02	•	0 Z	7	T	1:08 :52 :15 1:08	e06 e27 e04 e06	•10 •05 •05	T .
OUNDEE BARRETTS FORO BR DUNMOR EOOYVILLE LOCK F EOMONTON ELIZABETHTOWN	4.47 5.91 5.39 4.30 5.14	.40	-10	-10 -15	•10 •45	.01		•03	.50	1.05 1.51 1.58 1.35 1.36				.03 T	a60 1	.81 .51 .35 .45		т		т		.10	T • 95		.06	.02 .10	0 0 0
ELKHORN CITY ELKTON 2 5 FALMOUTH FARMERS FLEMINGSBURG	4 • 48 4 • 69 3 • 38 2 • 71 4 • 27	T .03 .14	.35 T .05 .11	• 0 2	•26 •35	T T •11 •61	T T		: 4 : 1 : 2 :	1.30 1.85 1.41 .59	.32			Т	• 35 • 03 T • 22	.50 .36 .37 .44	a 83 T T	т	T ±05	† T	5.5	e 0 5	.03	.65 1.43 .61 .46	•16 T •45	T +08 +05	03 0 07 0 10 0
ELEMINGSBURG 2 FORO LOCK 10 FORDS FERRY DAM 50 FRANKFORT LOCK 4 FRANKLIN 1 E	3.44 3.70 3.99 2.40 4.41	*22 T *14 T *03	.29 T	• 0 5	.35	.03 .06 T T	Т	T	. 29	96 • 83 1 • 05 1 • 10	.03 .30 .04 .24	Ť		T	.30 .02 .65 .02	.31 .58 .88 T	Ţ	106 T	e 03	T	T	• 03 T	• 16 T • 02 T	a77 1a13 a56 1a41	*07 *07 *51	.03 .08 .01 .01	.03 .05 T
FREEBURN 2 SW FRENCHBURG GAMALIEL GEORGETOWN WATER WORKS GEST LOCK 3	3 • 53 3 • 71 3 • 45 3 • 56 3 • 15	.20	•26 T •28 T	• O I	.29 1 .17 .26 .40	.36	•02 T		*O	.52 .80 .95 .93 1.30	.24	•04 T	+03	т	.03 .03 .07	019 036 043 067 057	. 64 . 03 . 09	e 02	•13		06 .0	1 T T	• 07	8 44 4	•06	011 001 T	*14 *24 7 *09
GLASGOM GLASGOM WKAY GLEMOALE 1 E GOLOEN PONO 8 N GRANT OAM 38	4.75 5.30 4.23 4.73 2.76	0 .15		.n:	+26		T	.05	.21 5 1.11	1 1.30 9 1.19 0 1.17 0 1.00 1.00	. 32		.02	T .06	.03 .36 .26 .87	.54 .34 .66 .63		.02	o 0 2			# 20 T T	•15 •10 •17 •01	1.70	.08 .30 T	- 1	*01
GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 BR GREENUP OAM 30 GREENVILLE 2 W	1.79	6 .15	.05	• 3	-14 -44 -40 -10	.06	т			.45 9 1.08 8 1.05 .55	.11 .11			T .06	.04 .08 .16 .03 .62	.36 .36 .29 .55	·03	т	• 02		т т	• 0: • 1: • 0:	0 !	1 • 60	•03 T •05	.0 .1 .0 .11	+06 T
MARTFORD 6 NW MAZARO WATER WORKS MEIÖELBERG LOCK 14 R MENDERSON 7 SSW MICKMAN 1 E	4.0. 3.4 3.3 3.5 4.3	3 .19 1 .07 1 .01	T •17 •30	.0 .1 .2	•33 •30 9 T	.21	+04 +04	•0	3 .4	9 1 • 1 4 • 31 • 51 0 • 67 2 • 84	.29		T	. 05 . 05	02 T 1012	1 • 1 4 • 76 • 61 • 28 • 34	T •38	т	•02		19 .0	a O	a 60		• 06 T • 01 • 03	*07 *13 T	•03
MICKSVILLE MIGH BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH HOPK INSVILLE HYOEN	4.4 4.6 - 4.1 3.6	6 •12 •10		•1	- 47	.02 T	•01		. 5	9 1.36 1.32 .15 3 1.25	.09		•01	T	#41 T	.64 .50 .25 .62	e02		•03 T		19	* 0 T	7 . 0	a 95	06 06 06 02 06	.03	e02
IMEZ IRVINGTON JACKSON JEREMIAM KEENE I NNE	2 • 9 4 • 2 3 • 3 4 • 9	6 T	т	1	1 · 87 5 · 16 · 64	28		-	-	6 1.24 - .01	19	-	-	e 0 2	T	.48 - .68 1.10			-	-	32	*0 T	1 • 2: T	.36 1.20	·10	*06	τ
KENTUCKY OAM LA GRANGE 1 SW LANCASTER LEITCHFIELO LEXINGTON WB AIRPORT	4.3 5.3 3.8 4.6 R 4.4	5 7 .20	• 45 T		05 •11 •25 •22	.52 .04	Ť	.3	5 .2	0 1.24 5 1.50 1.00 1 1.58 2 .76	.70 3 .10	. 26		T .03	e10 e04 e30 e77	1 · 22 1 · 20 · 27 · 88 · 32		T • O	Ť		T T	.0 .0	4	.81 .85 .95 1.22 0 .19	05 06 06 08 9 07	•12 •05 •03	e05
LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LONGON FAA AIRPORT LOUISA 2	4.1 3.8 3.7 3.9	18 •20 11 T	.35 T	.0	.40 .40 .32 .33	T T T	Ŧ		. 4	1+4 +9! 1+4 9 +3: +2	-30 -46 T	5		τ	#16 T	.30 .50 .60 1.63		т	.08 T		T T • 07 T	Т	Ť	0 •32	6 •05 6 •14 2 •04 9 •04	.06 .02	T T •04
LOUISVILLE LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE MAOISONVILLE I SE	3 • 9 R 3 • 7 3 • 9 4 • 1 3 • 6	77 T 97		1 T	19 •15 22 •04 •23 57	4 T		T	. 7		9 T 6 • 2	1		, 01	055 1000 009 1010 045	•01 •92 •93		Ť	T	Ť	T •02 T •04	0 0 0 0 T	3 e7 2 e0 e6	9 a 0 9 5 1 a 0 1 8 a 7 9	9 T 1 ±06 5 T	.0	T
MAMMOTH CAYE PARK MANCHESTER 4 SE MAYFIELO MAYSYILLE OAM 33 MCKEE	4 + 6 3 + 8 4 + 6 3 + 1	95 **** 54 26 *****	0 -16		04 =11 =4' 11 =0 +3 +4:	9 .32 8 T 1 .19	•02	T		00 1.2	0 .1	3 4 T		† #05	.63 .07	1 • 23 • 85 • 45 • 65	.36 † .09		a 0 2		•14 •16 T		7 +1	.94	5 4 4 •14 4 •15	e12 e07	•01 •05
M100LESBORO *10WAY M1LLERSTOWN MONTICELLO MOUNT STERLING	5.4 4.4 5.6 03.6	08 •0 79 68 •1	7 • 26 6 • 30		.2 .4 .2 .4 25 .1	0 T 1 .06 6 .13	т				1 .1	0 T 5 7			.06 .47 .05	• 79 • 70 1• 28	1.08	τ	e 02		13 T	06 e1 T	. o T	1:01	6 • 05 3 • 16 8 • 05 5	*04 *09 *05	•05 •03 0•10
MOUNT VERNON MUNFOROVILLE 1 N MURRAY OLNEY ONETOA	4 a 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4 a	48 •1. 391 51	3 2 • 03 3 • 10	:	.5 .1 19 T 07 .0	5 .07 T		T	1.0	94 .5 15 1.2 60 .2 48 1.4	1 •1 8	2		T +15	e60	e 63		7	Ť		.16	22	o ()4 o 1 o 8	0 88 1 1 64 8 00 67	2 .09	•11	•02

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Station	Total					-				-						month	-																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	6	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ONEONTA DAM 35 OWENSBORO 2 W OWENSBORO OAM 46 PAOUCAH FAA AIRPORT PAOUCAH	3.98 3.98 3.89 3.98 03.89		† ⁰²		Т	•20 •12 •20	.23	T	Т		•09	.20 .15	1.02 1.02 1.05 .23	•20 •31	T			26 1	•54 1 •31 1	1 • 09 T			Т	T		Т		*01 T *01		•54 •52		006	T •02
PAINTSVILLE PIKEVILLE PRINCETON PAVENNA LOCK 12	1.94 2.42 5.10 4.25 2.65	т	T	.40 .21		•05	•35 •64 •32 T	T •46	•01		• 22	•03 •81 T	•68	•18 •22	Т				•01 T •91			٥01	o O 4			↑ •15 •17			• 01	•20 •64	,	•09 •06 •05	•03 a T •06
RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA SALVISA LOCK 6	3.49 3.85 4.11 3.86 4.68		.02 T	•31			•18	T				. 28	.81 1.23 1.50 1.20 1.29		T	Т		05	.43 .26	•30 •64 •10 •30 •13	T T		e 20	•10		Т	•01	T T	606 602	.84 .90 1.33 1.35	*08 T *08 *05	.08 .04 .04 T	*02 e
SALYERSVILLE 2 SE SCOTTSVILLE SCOTTSVILLE 2 SW SEBREE SHAWNEE STEAM PLANT	2.15 5.06 4.31 5.55 3.37		•13	•28		.24 T .30	•28 •35 •27				•01	•19 •70	.38 1.12 1.21 .90		Т			02 30	041 014 090 1	•41 •11 •38 •40 •73			•01					.15 .10		1.82	•02 •08 •08	•13 •07	•01
SHELBYVILLE SHEPHEROSVILLE SOMERSET I N SPRINGFIELD STEARNS	2.00 5.24 5.10 3.86 4.55		•10 •55 T	T •37	•01	•02	•22 •27 •53 •49 •50	•04 T				.37	1.45 .74 1.06	-12	•01		т		•16 1 •08 •17		*01 T 1*18		Т			•15 •07		.05 .04		1.10 1.16 .95	*09 *12 *18 T	•04 •10 •07 •08	T .03 T
SUMMER SHAGE SUMMER SHADE SUBSTA TAYLORSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5	4.57 3.85 4.39 4.20		.41 .32	•03		.10	.49 .27 .15	T T			•03		1.13		* 03 T	• 03		02	•12 •46	•34 •89 •61 •90	.02 .01			Т		т	Т	T T •04 •02 T		087	•17 •13 •08 •04 •02	*09 *10 *06	T .
UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANBUREN VANCEBURG DAM 32 WARSAW MARKLANO DAM	3.82 3.52 4.34 2.47 2.76		T -16	•18 •05 •10		.08	•12 •39 •38	T •03 •19	T • 0 2				1.00 1.14 1.05 .82 1.07	•64	T • 0 2		Т		•02 •18 •05	6 95 6 38 6 89 6 44 6 48	T T		T • 03 • 03	T • 02		• 02 T	т	T • 05 T	• 02 T • 07 • 05	659 691 686 631	•03 •05 •07 •07	.02 .02 .05 .14	*01 * T * * *02 * T * *
MAYNESBURG 7 NE MEST LIBERTY WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13	4 • 18 2 • 67 5 • 68 3 • 61 2 • 96		.09	.41 .30 .31 .02			.49 .19 .45 .37	7 •22 •70 T	•01				1 • 15 • 55 • 76 1 • 45 • 54	•23 •13 •27 •40 •23					o10		T 1.99 T		т	T •02		•07 •03 •14 T •13	T •05 •03	Ť	т	1:19 :56 :39 :60 :61	•07 •05 •04 •13 •07	*06 T *05 T	T • • • • • • • • • • • • • • • • • • •
WOLF CREEK OAM WOOOBURY LOCK 4	4.11		-16	• 25		Т	•22	.04 .02				•23	•92 1•61	•18 •07							*14 T					•02		o 02		1 • 23 1 • 28	•08 •03	•13	Ť .

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville

Pigures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Oelayed data and corrections will be carried only in the June and Oecember issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue

Oivisions, as used in "Climatological Oata" Table and on the maps, became effective with data for June 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table and Min in "Evaporation" and Wind" an

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Oata" Table and the "Snowfall and Snow on Ground" Table, and in the seasonal snowfall table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Oata in the "Oaily Precipitation" Table; "Oaily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The station Index shows observation times in local standard time. Ouring the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For those stations snow on ground values are at 6:00 a.m., C.S.T. In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Oata" Bulletin.
 "Soil Temperature" Table.
 "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
 "Supplemental Oata" Table.

OTHER REFERENCE NOTES

- OTHER REFERENCE NOTES

 No record in the "Climatological Oata" Table and the "Oaily Temperature" Table is indicated by no entry.
 Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
 No erpol and also on an earlier date or dates.
 And also on an earlier date or dates.
 And also on an earlier date or dates.
 Assested observed one minute wind speed. This station is not equipped with automatic wind instruments.
 Amount included in following measurement, time distribution unknown.
 Theremoseters are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
 Gage is equipped with a windshied.
 This entry in time of observation column in Station Index means after rain.
 Goge is equipped with a windshied.
 This entry in time of observation day ending before noon.
 Adjusted of the station of the column o

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL OATA-NATIONAL SUMMARY, and STORM OATA, all of which may be obtained from the Superintendent of Occuments, Government Printing Office, Washington, O. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Occuments, Government Printing Office, Washington 25, O. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Oata for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Occuments. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Occuments, Government Printing Office, Washington 25, O. C.

DAILY TEMPERATURES

DECEMBER 1959

																Day (H Mo	nth															054
Station		1	2	3	4	5	6	7	в	9	10	1.1	12	10	14	15	16	17	18	19	20	21	22	23	24	25	26	27	9	29	30	31	Ave
ANCHORAGE	MAX MIN	51.24	46	47	5.6 2.6	48	19	38	46	51 17	46	4 1 4 4	53 19	40	41	20	1.1	52	5 de	42	% I , %	8 5	1.11	41	4.8 34	55	5 5 4 8	1	37	10		4.5 7.11	4/0
ASHLAND DAM 29	MAK	40	41	4 ₆ P ₁	51	58 16	5.2 3.3	16 27	46	52 24	400	39	4.6	4.7	42.26	9.7	60	94 40	51	40 1)	4.1 1.3	18	14	35	4 ₀ 2 ₂ 5 3	P ₂ 0; 5]	61	43	62	37	4, 25 5 4	40	49.2 37.7
BARBOURVILLE	MAX MIN	5.2 1.9	48	48 34	57	92	55	3.4	5n 14	55 22	54 7 I	54		51 36	52 23	59 30	5.7 2.8	5 H 4 Q	54		44	45 29	44	12		60 11	67	69 40	50	19	40	3% 28	57+1 30+0
BARDSTOWN S J PREP SCH	MAX	5ª 27	50	48	56	53	44	37	52 26	54	50	52	55 3.8	40	44 23	56 32	5.3	53	52	40	4 3	3B 25	3 B 7 O	46 28	51	56	56 48	69	5.7 5.8	40	18 12	34 7 N	4 H = 7 31 = 6
BAXTER	MAX MIN	40	50	42	44	53 29	5.7 3.2	35	29 15	49	53	46	52 35	9.7 3.7	39 26	52	51	54 32	5 5	9.4	42	41	44	4.5	43	41	60	65 38	44	65	57 54		48 + 7 78 + 7
REAVER DAM	MAX M1N	56 27	51	49	57 29	51	40	36	52 26	93	54	54 47	55 40	41	45	58	9.5 3.7	54	53 38	47	44	4.3 2.5	43	48	37	54 29	5.7 5.1	66 53	60	40	3.8 3.5	37	49.1
BENHAM	MAX MIN	38	51	43	42 76	5 6 2 6	57 28	41	27 15	47 19	56	49	56	57 35	38	54	58 28	55 30	57 42	53	40	37	41	43	43	48 36	60 45	65 47	67 50	64 34	31	3 R 2 T	49.0
BENTON ?	MAX MIN	56 24	54 32	52 20	58	51 25	40	45				56	55	44	45 34	56 33	52 39	55	5 9 4 3	28	45 31	20	45	52 30	50 41	52	58 47	63	56	47 34	40	40	50 + 3
BEREA COLLEGE	MAX MIN	50	92	92	91	53	51	50	50 25	52 26	51	52 44	53 45	56 35	46 22	47 32	5 5 3 8	56 38	54	49	47 28	45 25	48	48 26	51	5 5 3 3	53 38	69	68	49 32	31	4 3 2 6	51.9 31.7
BLAINE	MAX MIN	52 18	42	50 31	57	56 28	49	35	47	53 16	51 12	52 31	60	43	44	59 26	59 25	54	52 38	51	44	38 21	36 17	39 16	47	58	65 34	72 39	56 46	50 34	34 30	30 26	49.5
BONNIEVILLE	MAX MIN	56 30	51 36	49	56 24	48	46 29	3 7 1 6	54	55 19	51	53	56 39	40	48	59 31	53 35	5 4 4 5	55 34	42	4 B 2 2	42	47	47 29	53 38	56 29	56 50	67 50	59 36	39 35	37 33	34	49.8 31.1
BOWLING GREEN FAA AP	MAX MIN	56	44	50 22	55 23	45 38	38 26	37 15	53 27	53 22	55 26	55 47	5 6 3 9	40	51 27	55 34	53 37	53 47	52 32	44	47 30	41 27	44	48	55 32	56 30	57 45	64	57 36	40 36	38 33	35 23	49.3
CAMPBELLSVILLE	MAX MIN	52	50	44	55 28	49	44	36 21	5.2 2.6	56 23	53	51 46	55 39	39 35	50 26	59 37	54 37	54 37	53 38	43	42 28	45	43	48	50 39	54 35	60 51	67 51	57 38	39 32	37 32	33 24	49.2
CARROLLTON LOCK 1	MAX MIN	51 30	48	46	54 26	52 41	45	38	44	52 17	49	54	54 42	44	43	57 30	53	52	52 38	40	39 22	38 31	36 16	38 26	49	55 29	56 48	67 51	63	41	40 32	35 26	47.9
CLERMONT 1 SSE	MAX	57 28	55 38	52	58 27	54 46	48	39 22	53 29	57 19	20	56	55	49	46 21	5 8 30	56 35	56 45	53	42	46	38 28	38	45 28	52 34		56 55	70 52	58	45 34	37 33	33	50 · 4 32 · 2
COVINGTON WB AIRPORT	MAX	49	45 31	42	54 30	45 35	37 27	34	42 26	50 22	48	51 44	52 38	43	40	53 33	56 36	51 46	48	37 25	35 26	32 21	33 15	34 24	49	52 35	54 48	64 51	55 34	37 32	32 26	33 26	44.7
CYNTHIANA 2	MAX MIN	37 23	51 29	47	46	55 32	49	39	34 25	45 16	52 17	49	58 42	55 37	39 23	53	57 31	54 32	52 45	45	41	42	35 16	36 22	37 26	48 28	55 34	55 42	68 52	52 33	42 32	34 26	47.2 28.6
DANVILLE	MAX MIN	39	53 28	47	47	55 29	50 31	35 21	34	49 25	50 24	50 24	53	54 35	36 24	45 27	55 37	53 38	52 46	50 28	40	43	35 18	38 18	45 26	48	51 37	61	66 47	50 33	37 32		47.4 30.1
DEWEY DAM	MAX MIN	39 17	53 23	41	48	49	57 30	35 27	32 27	51 21	56 17	52 19	57 33	60	47 29	49	60 28	61	54 43	52 33	43	42 28	31 22	30 22	44	45 31	54 36	66	72 46	67 38	40 35	35 30	49.1 29.1
DIX DAM	MAX MIN	54 31	53 38	47 28	55 30	56 41	46	34	48	55 24	55 22	50 43	55 42	43	44	57 36	56 35	53 46	51 38	40	41	40	37 20	42 27	48 36	54 34	61	67 52	63 43	43 33	38 33	33 27	49.0 33.2
ELIZABETHTOWN	MAX	55 23	50 35	48	56 28	50 44	47 22	43 23	53 30	55 19	50 22	51 46	54 40	41	45 27	57 30	53 35	53 49	53 39	39 29	43 29	38 30	40 27	47 30	53 40	55 35	56 51	67 54	5 7 38	38 35	38 34	35 28	49.0 33.2
FALMOUTH	MAX MIN	52 22	48 27	46 26	57 23	50 35	45	35 26	47 25	53 15	49	51 36	55 43	44 37	41	58 28	54	52 44	52 38	40	40	37 31	36 17	37 24	49 32	56 28	55 46	69 48	61	40 35	37 32	35 28	47.8 30.6
FARMERS	MAX MIN	50 21	48 29	43 31	57 21	54 34	48	35 24	45 23	52 16	52 15	54 36	55 45	46 37	43 16	57 27	57 27	55 42	52 40	43	46 19	40 28	36 15	38 22	46 33	54 29	63 41	71 46	62 49	50 35	39 33	35 28	49.2
FLEMINGSBURG 2	MAX	48	47 35	43	53 25	50 38	43	32 23	44	48 21	50 21	49 42	54 42	42 35	41	55 30	55 33	52 40	50 33	47 27	49 21	36 27	36 23	44 32	45 34	54 30	55 46	68 43	55 44	45 34	37 30	32 26	47.1 31.2
FOROS FERRY DAM 50	MAX	54 33	50 36	50 25	56 22	53 33	39 27	37 20	49 31	50 24	61 28	59 49	56 41	42 38	46 34	57 33	54 39	54 47	52 38	41 30	40 32	39 21	45 26	49 32	51 41	54 33	58 46	65 52	59 37	41 37	40 33	37 26	49.6 33.7
FRANKFORT LOCK 4	MAX MIN	40	52 29	45 26	49	55 26	49 34	38 25	36 26	46 20	55 20	49 21	55 46	55 38	38 25	43 26	56 30	54 32	52 45	49	41 24	40	39 19	36 18	40 28	49	58 32	57 46	68 46	53 35	40 34	36 26	47.5 29.4
GLASGOW WKAY	MAX	51 30	46 36	47 23	58 25	49 42	42	37 19	54 27	54 23	57 27	54 46	56 39	39 35	51 28	57 33	54 37	54 48	51 37	42 26	44 26	40 31	43 23	48 30	52 37	56 32	56 51	64 51	57 37	40 34	35 32	33 21	49.1 32.6
GOLDEN POND 8 N	MAX	57 28	52 35	51 23	59 26	51 38	40 25	38 17	55 23	55 21		65 47	55 41	43		59 33		55 48		51 26	53 30		46 29				58 46						52.3 32.8
GRAYSON 1 SE	MAX	35 18		42 30			55 32		31 25	45 20	50 18	50 18	52 37	57 39	41 23	41 23	56 30	61 39				41	37 21		35 22	45 29		62 44					47.0 28.5
GREENSBURG	MAX MIN	42	56 25				50 33					51 26	55 47			50 29	60 31	53 39	53 48			47 31						60 47	68	51 35	40 32	40 27	49.4 30.1
GREENVILLE 2 W	MAX	57 32	51 33	50 24	57 27		40 27			54 21		59 47		42 36		59 35		53 48				41					57 51						50.4 32.8
HEIDELBERG LOCK 14	MAX	50 20		49 33	52 25	5 5 33	51 32	35 23		53 20	46 18				47 27			52 41		43 33					39 31	55 30	67 40	69 41	56 49	52 34	40 29		49.0 30.4
HENOERSON 7 SSW	MAX	55 30		50 24	57 33	50 38	38 27	37 20		53 19	52 27			41 36		57 33	53 39	53 47	51 37	42 29	40 30	38 27	42 24	46 31	49 40	55 34	57 50	65 52	58 36				48.5 33.3
HICKMAN 1 E	MAX MIN			47 23			45 26						58 44		48 33		55 40	56 43		47 27		42 22		46 32			63 40				45 25	49 25	52.0 31.3
HINOMAN SETTLEMENT SCH	MAX MIN	40		41 31	42 22	53 24	57 28		28	43 15		46 13	53 18		37 25				56 43	51 32		38 32							68 47	67 35	38 35	35 32	47.1 26.5
HOPKINSVILLE	MAX	46		43 27	52 25	58 32	30		38 19	56 27	55 29	63 42			42 33					49 27		45 24					54 39				42 34		49.4 32.4
INEZ	MAX MIN		48	45	47	45	47	41	46 14	53 20	52 18	55 30		58 39	42 27	61 31	61 28	54 28				40					67 40		68 47			37 32	50.8
1RVINGTON	MAX MIN		48 34	49 21					53 26	54 18	49	53 45	54 38	39 36	43 23	57 32	53 37	53 46	53 38	42 26	41 25	38 25	39 21	44 29	53 37	54 29	55 51	67 52	58 36	38 33	37 32	34 25	48.3 31.7
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DAILY TEMPERATURES

KENTUCKY DECEMBER 1959

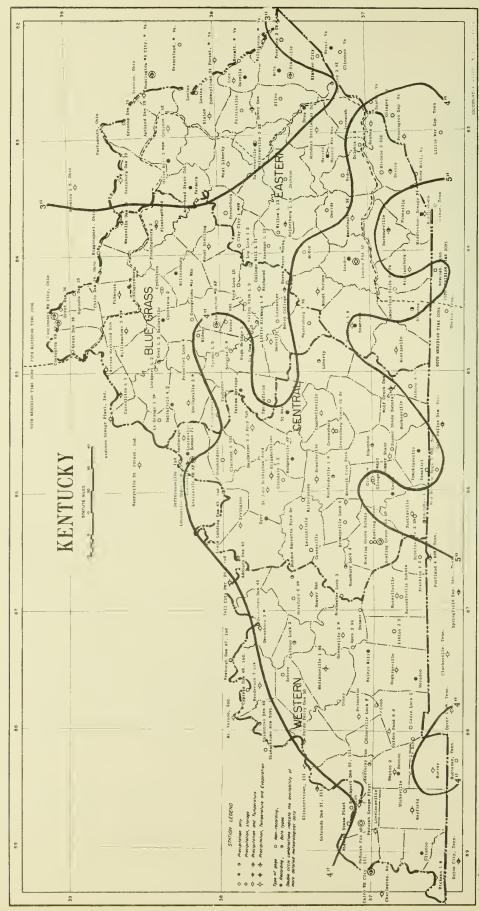
Station LEITCHFIELO LEXINGTON WS AIRPORT		I														Day (Of Mo	nth														- 1	9
			2	3	4	5	6	7	8	9	10	11	10	10	14	15	10	17	10	10	00	01	00	00		05							erage
LEYINGTON WE AIRPORT	MAX	55	43	48	55	48	38	37	52	53	10	52	54	13	14	15	52	53	53	41	44	40	40	23	55	59	55	65	58	29		31	48 · 5
PENTAGION NO MIKEOK.	MIN	51	37 47	27	31 54	38 48	26 36	18	26 46	50	31	48 50	39 53	35	28	35 55	39 51	48 52	50	27	28 39	30	23	30 39	41	33 54	51 56	50 65	36 55	32	32	25	33.4
LONGON FAA AIRPORT	MAX	29	34 43	25 47	53	35 53	40	30	26	54	52	51	38 55	38	22 48	36 55	37 52	47 54	33 51	26 41	26 42	23	20 39	26 45	35	35 57	50 64	52 63	36 56	33 36	28 34	25 31	47.1
LOUISVILLE	MAX	55	32 49	50	58	36 50	41	39	49	54	48	39 54	54	30	45	32 56	31 53	54	33 52	28	26 43	39	41	26 44	53	32 54	46 58	69	36 57	32 40	28 (34	29.9
LOUISVILLE W8 AP	MAX MIN	30 55 29	36 45 34	28 50 25	57	38 48 37	39	37	27 47	53	26	53	54	35	25 45	55	39 51	53	50	40	43	37	23	29	51	32 54	48 57	52 69	35 56	34	36	33	47.
LOVELACEVILLE	MAX	55 28	50	52	56	51	25 38 24	40	27 55 24	21 54 21	63	45 60 49	40 55 41	29 44 37	26 45 32	32 58 34	36 52	55	53	28	43	47	45	50	36 52	28 55	57	65	37 55	35	30 40	40	50.6
MAOISONVILLE 1 SE	MAX	57 28	52 30	56 22	57	53	40	38	53	52	60	58 48	55	42 37	45 32	58 32	38 54 37	49 54 48	39 54 38	27 41 27	31 45	40	24	35 49	42 54 39	54	58	64	60	36 40	33	38	50 • 1
MAMMOTH CAVE PARK	MAX	55	50	47	57	51 41	45	37	50 25	54	54	53	55	40	48 26	58	54	52 48	52 37	42	29 46 25	23	42	31 47 29	52 38	56	55	63	36 57	35	38	34	49.
MANCHESTER 4 SE	MAX	52	45 29	50	59	56 34	51 32	32	50	57	47	52 32	51 46	46	50 23	36 60 31	59 29	55 41	53	46	44	43	20 40 20	50 21	44 28	34 63 32	70 40	51 68 43	37 59 49	33 52 35	32 38 34	20 35 28	32 o 4
MAYFIELD	MAX MIN	55 31	51 31	52 25	56	51 39	40	38	57 30	56 26	65 41	58 48	55	45	46	55	51	56	55	43	43	47	45	50	51	52 31	57 48	62	57 37	42	40	40	50.7
MAYSVILLE DAM 33	MAX MIN	40	50	47 29	45	55 26	52 32	38	33	45	51	49	54	56	42 26	42	56	55 32	53	50	39 19	40	35 18	35 17	35 25	47 28	54	56 43	70	56 36		35	46.9
MIOOLES8ORO	MAX MIN	52	47 30	5 0	59	56 34	53	33	49	58 21	55	48	58	48	53 25	55 32	55	58	55	51 32	42	48	45	47	43	64	65	65	62	53 36	39 35	36 30	51.
MONTICELLO	MAX MIN	56 24	51 37	43	56 24	55 37	45	33	50 23	55 24	57 24	52 42	55 40	40	51 27	59 35	55 37	53	55	43	45 27	44	44	48	48	62 31	65	65	61	40	36 32	34	50.2
MOUNT STERLING	MAX MIN	58 28	47 37	43 28	52 23	53 35	48	40	46 21	51	48	52 41	54 42	44	41 23	57 32	53 37	52 46	51 36	40 27	40 28	38 24	35 19	38 23	45 32	52 32	60	70 47	63	45 35	38	35	48.0
MOUNT VEPNON	MAX MIN	49	46 36	46 35	52 24	52 38	48	32 20	46	50	48	54 36	53 37	39 32	46 25	54	56 36	54 43	50	42 28	42 25	38 33	40 28	47 18	45	58 31	64 48	67	55 41	48	37 32	34	48.1
MURRAY	MAX	57 31	49 33	52 24	57 31	47 37	38 25	39 18	58 31	55 26	66 41	57 49	55 40	44	49 32	55	54 42	56 47	53	43	42 32	48	47 26	52 32	53	53 31	57 51	61	59 37	42 34	41 33	41	51 • (
OWENSBORO 2 W	MAX	58 31	50 34	50 24	56 34	48 38	38 27	38	52 24	55	52 29	52 45	52 42	40 36	50 30	58 32	52 37	53 47	53 43	45 28	43 30	40	45 25	46 31	50 39	58 32	57 49	64	57 34	38 34	38 33	38	49.
PAOUCAH FAA AIRPORT	MAX	54 31	41 33	50 26	55 34	48 35	35 21	38 16	52 27	52	62 38	57 50	56 39	43	45 34	56 35	51 42	54 50	53 32	42 27	40 26	43	45 24	49 34	50 38	54 30	59 52	64	48 36	41 35	38 25	37 20	48.
PAOUCAH	MAX MIN	57 28	51 33	53 24	58 29	52 42	45 26	40	54 23	54 22	65 32	59 50	57 41	44 37	46 35	59 34	51 41	54 49	54 37	4 4 2 8	43 33	46 23	45	44 37	45 36	54 30	57 49	65 56	58 37	41 36	41 34	39 18	50 · l
PIKEVILLE	MAX	53 26	42 30	44 39	57 31	55 34	48 34	35 27	53 22	57 25	46 22	52 34	61 52	52 39	50 30	57 32	57 30	54 44	53 46	46 33	40 26	42 32	42 28	47 21	42 30	55 36	68 43	70 42	65 53	54 39	40 36	37 31	50.8
PRINCETON	MAX	59 28	5 0 3 2	53 22	58 25	48 38	40 27	40 16	55 22	57 20	63 29	55 43	55 41	42 37	46 32	61	52 36	54 49	54 39	46 28	46 29	45 22	45 21	51 32	52 40	53 29	57 42	62 52	60 37	40 36	40 34	41	51.0
RICHMOND	MAX MIN	38 19	50 28	48 31	49	54 29	50 31	35 22	32 22	46 25	51 25	49 26	54 46	54 35	37 24	47 27	55 34	53 37	51 46	50 28	39 25	38 28	36 19	36 22	39 26	46 33	50 40	62 48	67 52	52 32	37 33	35 26	46.5
RUSSELLVILLE	MAX MIN	60 34	50 35	50 25	58 29	48 38	39 27	38 18	53 29	55 24	62 28	56 44	55 41	47 37	49 29	59 36	52 42	54 49	54 38	43 26	46 29	44	45 26	46 31	54 38	55 29	57 50	63 54	59 37	41 35	39 33	37 21	50.6
SCOTTSVILLE	MAX MIN	56 32	50 40	48 24	58 29	49 42	44 30	37 16	56 27	56 24	5 8 2 8	60 38	56 40	41 36	53 28	56 38	54 42	54 48	52 40	43 27	47 28	44 30	45 24	48 28	55 41	56 33	58 45	63	58 38	40 35	38 33	39 23	50 · 7
SHEL8YVILLE	MAX MIN		50 27	45 24	54 28	50 44	45 30	22							42	42	54 34	50 34	51 45	46 25	39 24	40 27	35 19	36 18	40 27	49 31	54 34	54 48	66 46	49 34	39 31	34 27	46 • 3
SOMERSET 1 N	MAX	53 23	48 34	43 32	54 20	52 36	44 27	32 19	49 20	55 23	54 21	50 36	55 37	38 34	50 24	58 32	53 33	53 44	52 36	42 30	43 25	41 33	40 25	46 26	46 34	59 31	64 46	67	57 39	40 33	37 32	33 27	48.6
SUMMER SHAOE	MAX	57 25	44 35	46 24	57 21	49 38	43 26	36 19	55 22	54 23	58 23	53 43	55 38	40 34		57 33		54 45	52 36	42 28	45 27		45 24		53 34	59 31	60 49	66 52	57 38	39 34	38 32	35 22	49.7
VANCEBURG DAM 32	MAX MIN	51 27		42 28		52 35	45 31	31 24	44 25	21		53 37		47 33	43 24	56 28		50 42		41 30			33 19		45 30	53 28		70 44	60 48	50 32	39 32	40	47.7
WARSAW MARKLAND DAM	MAX	46 27	45 30	46 26	57 26	47 40	40 30	37 27	45 27	48		55 40	54 39	45 29	44 27	58 32	47 33	50 45	47 36	36 25			38 21	35 25	49 32	57 30	57 45	65 50	56 38	38 34	36 30	35 29	46 • 3 31 • 2
WEST LIBERTY	MAX MIN	37 18	51 I 9	43 31	47		54 32	32 23	32 22	41 18	52 15	51 17	53 32		38 26			56 31		51 27		40 26		36 18	40	45 30	53 33	63	70 48	56 38		34 28	47.1 27.2
WILLIAMSBURG 2	MAX	43 14	52 29	45 34		58 26		35 22	34 21	49 22		59 25			39 24			58 39		55 32				49 21	49 26	42 35	63 33				39 34		51 • 3 30 • 3
WILLIAMSTOWN 5 WSW	MAX MIN	43		42 20		54 30			34 22	44 21	49	50 26	54 45	54 33	40 20	41 20				42 23							55 42				38 29		45.5 28.0
WOLF CREEK OAM	MAX		56 24	50 32		55 26		35 21	36 21	52 25	56 23	54 29			40 26			53 37		54 32	44 25	46 27	43 20	42 22	49 30	50 30	60 30	65 52		54 36		38 29	50 • 0 30 • 2

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AHDSTOWN S J PRKP SCH	SNOWFALL SN ON GND								Ξ	1																					
BKAVER DAM	SNOWFALE SN ON GND																														
MENHAM	SNOWFALL SN ON GND						1 5	4 5	35											3			r r								
SKRKA COLLEGE	SNOWFALL SN ON GND							3																							
BOWLING GREEN FAA AIRPORT	SNOWFALL SN ON GND						T	Т																							Т
CAMPHELLSVILLE	SNOWFALL SN ON GND	18	П				1,0 1	T T														т									Т
COVINGTON WH AIRPORT	SNOWFALL SN ON GND WTR EQUIV	Т	H				I	. 2 T														т	Т						T	2	1 8
CANTHIANA	SNOWFALL SN ON GND						T	ľ T														T	Т								Т
DANVILLE	SNOWFALL SN ON GND						1,0	1															T					1		Т	
FARMERS	SNOWFALL SN ON GND	1	Т				1.8	T T	T																						
PORDS FERRY DAM 50	SNOWFALL SN ON GND	-	~	=	0	-	-	-	-	-	-	-		=	-				-	-	-	-		ē,	0						
AZARD WATER WORKS	SNOWFALL SN ON GND						T	T T	T																						
EIDELBERG LOCK 14	SNOWFALL SN ON GND	1	Т				T	T T																							
ENDERSON 7 SSW	SNOWFALL SN ON GND						Т	Т														Т									T
OPKINSVILLE	SNOWFALL SN ON GNE																														
RV INGTON	SNOWFALL SN ON GNI						T															. 3									
EXINGTON WB AIRPORT	SNOWFALL SN ON GNI WTR EQUIV						1.3	T	Т													. 3 T							T	Т	. 2
ONDON FAA AIRPORT	SNOWFALL SN ON GNE		Į.				2.4	T 2	1				Т	Т								Т							Т	Т	Т
LOUISVILLE WB AIRPORT	SNOWFALL SN ON GNI WTR EQUIV						Т	т														T								Т	Т
MAMMOTH CAVE PARK	SNOWFALL SN ON GNI	D	Т	١.			T T	Т																						T	T
MAYSVILLE DAM 33	SNOWFALL SN ON GNI		1 -	1:	-	-	_] [-	-	=	-	, -	-	-	-	15,	-	-	-	1	-	-	-	-	-	-	-	-	-	Ξ,
MIDDLESBORO	SNOWFALL SN ON GNI	D	И				Т	2.4	T																						
MILLERSTOWN	SNOWFALL SN ON GN							T T																							
MONTICELLO	SNOWFALL SN ON GNI	D					2.5	2																							
MURRAY	SNOWFALL SN ON GN	D					T	Т																							
OWENSBORO 2 W	SNOWFALL SN ON GN						T																				Т				Т
PADUCAH FAA AIRPORT	SNOWFALL SN ON GN	D					Т	Т																							
PAINTSVILLE	SNOWFALL SN ON GN	D 1	Т	T			1	Т						1																	
PIKEVILLE	SNOWFALL SN ON GN	D					T T	T													Т										
SOMERSET 1 N	SNOWFALL SN ON GN	D -			-	-	-	=	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_
SUMMER SHADE	SNOWFALL SN ON GN	D				T																									
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GN	D I						T														T	Т		T					T	T

MONTH: JUNE 1959

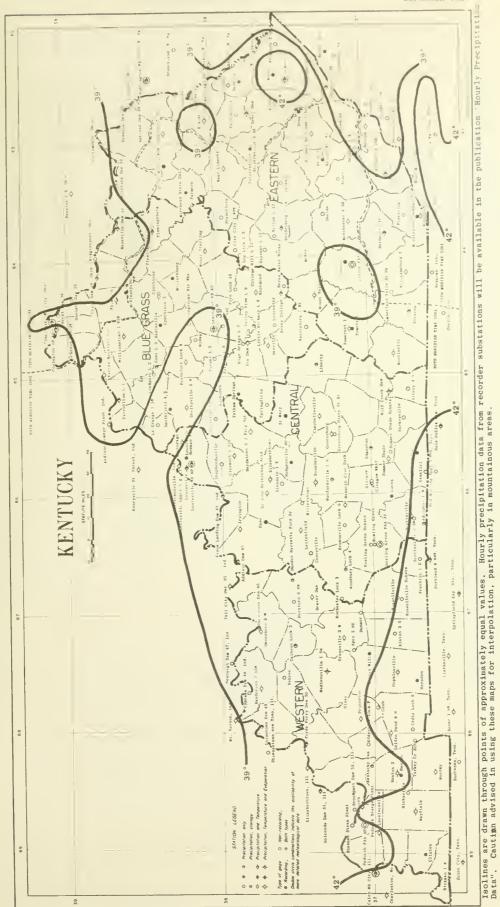
Monthly and Seasonal Heating Degree Days Table:
Louisville

Long-term means July-June should be 4439.



AVERAGE TEMPERATURE

KENTUCKY DECEMBER 1959



STATION	X NO.	COUNTY	AGE 1	LATITUDE	LONGITUDE	ELEVATION	OB	SERV TME TAB	AN	D	OBSERVER
	INDEX		DRAINAGE	LATT	LONG	ELEVA	TEMP.	PRECIP.	EVAP.	SPECIAL (ALL HOTEL)	OBSERVER
ADDISON DAM 45 ALBAMY 4 N ALLEM ANCMORAGE APEX 2 NE	0031 0063 0095 0155 0185	BRECKIMRIDGE CLINTON FLOYD JEFFERSOM MUHLEMBERG	7 2 1 7 3	37 55 36 45 37 35 38 16 37 08	86 34 85 08 82 43 85 33 87 19	380 1000 658 700 510	79	6A 7A 8A 7P 7A		С	CORPS OF ENGINEERS MRS.BARBARA M. COOL NAMMIE AUXIER C. E. BARRET SPENCER PROWSE
ASHLAND DAM 29 BARBOUPVILLE BARDSTOWN S J PREP SCH BAXTER BEAVER DAM	0254 0381 0397 0450 0490	80YD KNOX NELSON HARLAN OH10	7 2 8 2 3	38 27 36 52 37 48 36 51 37 25	82 36 83 53 85 28 83 20 86 52	551 1000 631 1164 441	6P 6P 7A 6P	7A 6P 6P 7A 6P		C H C	CORPS OF EMGINEERS UNION COLLEGE STO JOSEPH PREPO SCHOOL CO HOMER MOLAN EO GO YOUNG
BENHAM BENTOM BENTON 2 BEREA COLLEGE BEREA WATER WORKS		MARSHALL MARSHALL MADISON MADISON	9 9 4	36 58 36 51 36 51 37 34 37 33	82 57 88 20 88 20 84 18 84 15	1585 395 305 1070 ID10	8A 5P 6P	8A 5P 6P 7A		с н с н	G. C. WHITEAKER JAMES H. MILLER RADIO STATION WCBL JAMES A. GROSSMAN MRS. LAURA B. GABBARD
BLAIME BONNIEVILLE BOWLING GREEN BOWLING GREEN SUBSTA BOWLING GREEN FAA AP	0752 0854 0904 0907 0909	LAWPENCE MART WAPREN WARREN WAPREN	1 3 3 3 3	38 O2 37 23 37 00 37 01 36 58	82 50 85 54 86 26 86 26 86 26	670 702 536 470 535	6P 6P	6P 6P 7A 5A M10		н	A. EMOCH WHEELER HAPOLD WALTERS JAMES R. EDWARDS TVA-639 FED. AVIATION AGENCY
BRENT DAM 36 BROWMSVILLE LOCK 6 BUPOIME 2 NE GURKESVILLE CADIZ LOCK E	1046 1120 1137 1206	CAMPBELL EOMONSON PIXE CUMBEPLAND TRIGG	7 3 1 2 2	39 D3 37 12 37 13 36 47 36 46	84 25 86 16 82 35 85 22 87 58	497 410 1643 600 384		7A 7A 8A 7A 7A		с	CORPS OF ENGINEERS ELDRIDGE SKAGGS EDWIN E. JOHNSON MAPVIN M. LEE CORPS OF ENGINEERS
CALMOUN LOCK 2 CAMPBELLSVILLE CARROLLTON LOCK 1 CLAY CITY 1 WNW		MC LEAN TAYLOR GPAYSOM CARPOLL POWELL	3 3 3 4	37 32 37 2D 37 25 38 41 37 52	87 16 85 21 86 3D 85 11 83 56	402 771 600 480 712	6P	7A 6P 7A 6A 7A		с н	CORPS OF ENGINEERS ALVA MC KINLEY G. V. COX SR. CORPS OF ENGINEERS JOEL W. MOUNT2
CLERMONT 1 SSE CLINTON COBB COLLEGE HILL LOCK 11 COVINGTON #8 AIRPORT	1611 1631 1663 1704 1855	BULLITT MICKMAN CALDWELL ESTILL BOONE	8 6 2 4 7	37 55 36 A1 36 59 37 A7 39 04	85 40 89 DD 87 47 8A D6 84 4D	540 390 490 611 869	5P MID	5P 7A 7A M1D		СНЭ	BERNHEIM FOUNDATION WOODSON D. FRANKLIN MRS BENNIE B. WHITE CORPS OF ENGINEERS
CUMBERLAND FALLS S7 PK CYNTHIANA CYNTHIANA 2 DANVILLE DAVELLA		HAPRISON HAPRISON BOYLE MAPTIN	2 5 5 4	36 50 38 23 38 23 37 39 37 48	84 19 84 18 84 17 84 46 82 32	1070 684 719 955 718	8A 7A	5P 7A 8A 7A		н с н	KYe DEPTe OF CONS. MARSHALL HILL KYe CAPDINAL DAIRY Re Pe COLDIRON MRS. EVA Me DAVIS
DELPHIA 1 E DEMA DEWEY DAM DIX DAM DUNDEE BARPETTS FORD BP	2132 2139 2180 2214 2358	PERRY KNOTT FLOYD MERCEP OHIO	1 1 4 3	37 02 37 25 37 45 37 48 37 33	83 07 82 48 82 47 84 43 86 43	1647 850 653 870 440	7 A 4 P	7A 7A 7A	7A 7A	c c	BALLARD F. WALKER. JR. HATTIE B. BARNEY CORPS OF ENGINEERS PHILLIP O. THACKER JESSE L. HUFF
DUNMOP DYEP EDDYVILLE LOCK F EDMONTOM ELIZABETHTOWN	2366 2391 2445 2469 2510	MUHLENBERG BRECKENRIDGE LYON METCALFE HAPDIN	3 3 2 3 3	37 05 37 43 37 03 37 00 37 41	87 00 86 13 88 05 85 37 85 52	592 793 420 865 739	6P	7A 7A 7A 6P		C H	No Do GIVENS LEMA BLAIR CORPS OF ENGINEERS JOHN EO MORAN RADIO STATION WIEL
ELKHORN CITY ELKTON 2 S FALMOUTH FAPMEPS FLEMINGSBUPG	2528 2548 2775 2791 2903	PIKE TODD PENOLETON ROWAN FLEMING	1 2 5 5	37 18 36 47 38 40 38 09 38 25	82 21 87 10 84 20 83 33 83 43	800 520 560 668 870	6P 4P	7A 7A 7A 7A 7A		н	EDMOND O. BENNETT S. RICHARD ANDERSON FRANK H. LAWSON MRS. C. C. STANPER MRS. JEAN FLEMING
FLEMINGSBURG 2 FOPD LOCK 10 FORDS FERRY DAM 50 FRANKFORT LOCK 4 FPANKLIN 1 E	2908 2953 2961 3028 3036	FLEMING MADISON CRITTENDEN FPANKLIN SIMPSON	5 4 7 4 3	38 25 37 54 37 28 38 14 36 43	83 45 84 16 88 06 84 52 86 34	911 660 356 504 690	6P 6A	MID 6A 6A 6A 7A		С С Н	WILLIAM H. FISCMER CORPS OF ENGINEERS CORPS OF ENGINEERS CORPS OF ENGINEERS MRS KATIE D. NEAL
FPEEBUPN 2 SW FRENCHBURG GAMALIEL GEORGETOWM WATER WORKS GEST LOCK 3	3046 3052 3112 3194 3203	PIKE MENIFEE MONPOE SCOT7 HENPY	1 5 3 4 4	37 33 37 57 36 38 38 12 38 25	82 10 83 39 85 48 84 33 84 53	730 864 860 888 490		8A 7A 7A 8A 7A		Сн	MRS ALTA S. GOOSLIN MISS ESTHER WILSON E. GUY DECKARD WILLIAM F. BRAMBLETT CORPS OF ENGINEERS
GLASGOW WKAY GLASGOW WKAY GLENDALE 1 E GOLDEN POND 8 N GRANT DAM 38	3246 3252 3295	BARREN BAPREN HARDIN TRIGG BOONE	3 3 3 2 7	37 00 37 00 37 36 36 54 38 59	85 55 85 55 85 54 88 00 84 50	780 808 710 393 503	6P 4P	7A 6P 7A 4P 7A			EMILY No BEAM RADIO STATION WKAY DEWEY So HILL FISH & MLDLFo REFUGE CORPS OF ENGINEERS
GRAYSON 1 SE GPEENSBURG GREENSBUPG HIWAY 61 BR GREENUP OAM 30 GREENVILLE 2 W	3392 3430 3435 3443 3451	CARTER GPEEN GREEN GPEENUP MUHLENBERG	7 3 3 7 3	38 19 37 15 37 15 38 37 37 12	82 56 85 30 85 30 82 51 87 12	900 630 590 538 519	6A 7A 5P	6A 7A 7A 7A 5P			ALBERT GO SWANAGAN HOWARD PICKETT LYNN TO BLAKEMAN CORP OF ENGINEERS CORP OF ENGINEERS
HALEYS MILL HARTFORD 6 NW MAZAPD HAZAPD WATER WORYS HEIDELBERG LOCK 14	3539 3652 3709 3714 3741	CHRISTIAN OHIO RERPY PERRY LEE	3 4 4 4	37 03 37 32 37 15 37 15 37 33	87 20 86 54 83 12 83 11 83 46	740 429 869 880 663	5 P	8A 7A 6A		C H C H	CLEATUS E. BRINKLEY DAVID K. CARSON H. A. BAILEY LEE J. MOGSTOM CORPS OF ENGINEEPS
HENOERSOM 7 SSW HEPNDON HICKMAN 1 E HICKSVILLE HIGH BRIDGE LOCK 7	3798 3816 3821 3837	HENOERSON CHPISTIAN FULTON GRAVES JESSAMINE	7 2 6 9	37 45 36 44 36 34 36 48 37 49	87 38 87 34 89 10 88 30 84 43	382 512 362 440 544	6P 7A	6P 7A 7A 6A		С	FRANK STREET C. W. KEATTS MRS. NELL S. CALVIN TWA+679 CORPS OF ENGINEERS
HINDMAN SETTLEMENT SCH HODGENVILLE NAT PARK HOPKINSVILLE HYDEN INEZ	3899 3929 3994 4093 4134	KNOTT LAPUE CMRISTIAN LESLIE MARTIN	4 3 2 4 1	37 20 37 32 36 51 37 10 37 52	82 59 85 44 57 30 83 23 82 32	1060 788 540 - 638	8A 7A 6P	8A 7A 7A 6P		СН	HINDMAN SETTLEMENT SCH- NATIONAL PARK SERVICE NEWELL F- SMITH MRS. FERN F- ELAH UNITED FUEL GAS CO.
1PV1NGTON JACKSON JEPEM1AH KEENE 1 NNE KENTUCKY DAM	4146	BRECKINRIDGE BREATH177 LETCHER JESSAHINE LIVINGSTON	3 4 4 9	37 53 37 33 37 10 37 57 37 01	86 17 83 23 82 56 84 38 88 16	646 795 1150 941 362	7P	7P 7A 5P 7A 5A		н	FLOYO G. ROBBINS JAMES O. MALONEY HOBART ISON HUGH W. BUFFIN TVA-379-A
LA GRANGE 1 SW LANCASTEP LEITCHFIELD LEXINGTOM WB AIRPORT LIBERTY	4595	OLDHAM GARRARD GPAYSON FAYETTE CASEY	7 4 3 4 3	38 24 37 37 37 29 38 02 37 21	85 24 84 35 86 18 84 36 84 55	674 1032 642 979 772	6P: MID	6A 6A 6A MID 7A		C Hall	ALBERT V. HAPDIN KENTUCKY UTILITIES CO. CLYDE STIKELEATHER U.S. WEATHER BUREAU PALLIA F. HANKLA

												DECEMBER 1959
STATION	X NO.	COUNTY	AGE ‡	LATITUDE	LONGITUDE		ELEVATION		SER'		D	OBSERVER
	INDEX		DRAINAGE	LATT	LONG			TEMP.	PRECIP.	EVAP.	SPECIAL INTERIOR	
LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LOGLICK 1 S LONGON LONGON FAA AP		JESSAMINE HENRY CLARK LAUREL LAUNEL	4 4 2 2	37 45 38 26 37 51 37 08 37 05	84 84 84	35 58 02 04 05	560 485 773 1195 1191	M10	7A 6A MID		с с с	CORPS OF ENGINEEPS CORPS OF ENGINEERS HUBERT BURGHER KNOXVILLE FERTILIZER CO FED. AVIATION AGENCY
LOUISA 2 LOUISVILLE LOUISVILLE BOWMAN FLD LOUISVILLE WB AP	4943 4946 4949 4951 4954	LAWPENCE LAWPENCE JEFFERSON JEFFERSON	1 7 7 7	38 07 38 07 38 1A 38 13 38 11	82 85 85 85	37 36 46 40 44	582 585 462 558 47A	6P MID	8A 6P MIO		C HJ	
LOUISVILLE UPPER GAGE LOVELACEVILLE LUCAS MADISONVILLE 1 SE MANMOTH CAVE PARK	5097	JEFFERSON BALLARD BARREN HOPKINS EDMONSON	7 6 3 3	38 17 36 58 36 53 37 19 37 11	85 86 87 86	48 58 02 29 06	403 370 736 439 80D	5P 5P 5P	6A 5P 7A 5P	7A	c H	COMPS OF ENGINEERS BLAINE MALONE WILLARD E. FOSTER HOMER WELBORN. JR. NATIONAL PANK SERVICE
MANCHESTER & SE MAYFIELD MAYSVILLE DAM 33 MC KEE NC KINNEYSBURG	5111 523D 52A3 5291 53D1	CLAY GNAVES MASON JACKSON PENOLETON	6 7 2 5	37 D6 36 44 38 38 37 26 38 36	83 88 83 84 84	43 39 42 00 16	850 364 515 1000 662	6P 7A	7A 7A 7A 7A		СН	NORA S. WHITE MAYFIELD ELEC.+ WTR.CO. CORPS OF ENGINEERS MRS.WIMMIE W. MORAN RICHARD T. SYDMOR
META MIDDLESBORO NIDDLESBORO SEWAGE PL NIDWAY MILLERSBURG	5389	PIKE BELL BELL WOODFORD BOURBON	2 2 4 5	37 34 36 37 36 38 38 09 38 18		27 43 43 41 09	730 1130 1130 789	5P	7A 8A		с с	CMARLES MURRAY MRS. LELA M. HERRELL CITY OF MIDDLESBORD CITY OF MIDDLESBORD DAVID C. BAILEY
MILLERSTOWN MONTICELLO MOREHEAD STATE COLLEGE MOUNT STERLING MOUNT VERMON	5438 552A 5555 5640 5648	WAYNE ROWAN MONTGOMERY POCKCASTLE	3 2 5 5	37 27 36 50 38 11 38 04 37 21	86 88 83 83 84	03 50 26 56 20	588 960 770 930 1137	6P 5P 5P	7A 7A 5P 5P		H	OVA M. LAWLER ALVIN L. BERTRAM INACTIVE 9/57 FRED CARTMILL CITY OF MT. VERNON
MUNFOROVILLE 1 N NURRAY OLIVE HILL 2 WNW OLIVEY ONE 10A	5684 5694 6013 6020 6028	MART CALLOWAY CARTER HOPKINS CLAY	3 9. 7 7	37 16 36 36 38 19 37 14 37 16	85 88 83 87 83	53 20 12 47 39	636 622 895 533 750	6P	7A 6P 8A 7A		c c	EDWARD A. PICMARDSON MURRAY STATE COLLEGE GEORGE E. DUVAL MELVIE PARLEE NEISZ MRS. ANNA L. BROWN
ONEONTA DAM 35 OWENSBORO 2 W OWENSBORO DAN 46 PADUCAH FAA AIRPORT PADUCAH		DAVIESS DAVIESS MC CRACKEN MC CRACKEN	7 7 7 7 7	3B 58 37 46 37 47 37 0A 37 06	84 87 88 88	18 09 07 46 37	512 420 404 398 340	6P MID 5P	7A 7A 6A M1D 5P		СН	CORPS OF ENGINEERS VIRGIL D. CLARK CORPS OF ENGINEERS FED. AVIATION AGENCY WESTERM P. LACKEY
PAOUCAH SEWAGE PLANT PAINTSVILLE PIKEVILLE PINCETON	6117 6136 6353 6384 6575	MC CRACKEN JOHNSON PIKE BELL CALDWELL	7 1 1 2 2	37 06 37 49 37 29 36 45 37 06	88 82 82 83 87	36 48 31 42 53	325 620 686 1002 529	5 p.	7A 8P 7A 5P		C M	CITY OF PADUCAH JESSE FAIRCHILD USS WEATHEP BUREAU FOLEY PARTIN ALTOW No MARVILL
RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUBSTA	6679 6805 6882 7049 7054	ESTILL MADISON OHIO LOGAN LOGAN	4 3 3 3	37 40 37 44 37 13 36 51 36 50	83 84 86 86	57 18 54 53 54	634 1122 401 590 576	8A 6P	7A 8A 7A 7A 7A		н	CORPS OF ENGINEERS THOMAS C. HERNOON CORPS OF ENGINEERS NN. B. PORTER TVA-683
SADIEVILLE ST JOHN BETHLEHEM ACAO ST ₀ MARY SALVISA LÖCK 6 SALVISA LÖCK 6 SALVERSVILLE	7074 7091 7096 7121 7129	SCOTT HARDIN MARION WOODFORD MAGOFFIN	8 8	38 23 37 A2 37 35 37 56 37 45	84 85 85 84 83	33 59 21 49 05	791 777 7A3 A90 859		6A:		c c	LAWRENCE ROGERS INACTIVE 8/59 JOHN B. BAUER COMPS OF ENGINEERS STANLEY GAROMER
SALYERSVILLE 2 SE SCOTTSVILLE SCOTTSVILLE 2 SW SEBREE SHAWNEE STEAM PLAN7	7134 7215 7220 7234 7311	MAGOFFIN ALLEN ALLEN WEBSTER MC CRACKEN	5 3 3 7	37 64 36 45 36 44 37 36 37 09	83 86 86 87 88	03 12 13 32 47	920 770 760 348 345	5P	7A. 5P. 7A 6P. 5A			FORREST C. WILLIS MOBLE ALLEN MRS. 1DELL F. DEERING PAUL D. TOMPKINS TVA-709
SHELBYVILLE SHEPHERDSVILLE SHITHFIELD 4 S SOMERSE7 SOMERSE7	7324 7334 7473 7508 7510	SHELBY BULLITT SHELBY PULASKI PULASKI	8 8 8 2 2	38 13 38 00 38 20 37 06 37 07	85 85 85 84 84	16 44 16 37 37	841 446 862 1050 1050	7A 6P	7A 7A		C H	VIRGIL D. CROUCH OVID K. MAGRUDER GEORGE E. SIMPSON CORPS OF ENGINEERS RADIO STA WSFC
SPRINGFIELD STEARNS SUMMER SHADE SUMMER SHADE SUMMER SHADE SUBSTA TATHAM SPRINGS	7604 7677 7800 7805 7924	WASHINGTON MC CREARY METCALFE METCALFE WASHINGTON	8 2 3 3 8	37 41 36 43 36 53 36 53 37 52	84	14 29 43 40 09	738 1420 864 692	6P	7A 7A 6P 7A		СН	WN. H. GOATLEY MRS GLADYS No GRIFFITH CHASE H. NC MURIREY TVA-684 R. C. DEDMAN
TAYLORSVILLE TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN DAM 49	7948 8060 8144 8179 8197	SPENCER MONROE TRIGG ANDERSON	8 3 9 4 7	38 02 36 42 34 45 38 02 37 46	85 85 88 84 87	21 41 05 51 57	483 920 390 524 358		7A 7A 7A 6A		С	MRS. KATHRYN B. CARR STANLEY HURD TVA-680 CORPS OF ENGINEERS CORPS OF ENGINEERS
VALLEY VIEW LOCK 9 VANBUREN VANCEBURG DAM 32 WARSAW MARKLAND DAH WAYNESBURG 7 NE	8246 8250 8259 8446 8486	JESSAMINE ANDERSON LEWIS GALLATIN LINCOLN	8 7 7 2	37 51 37 58 38 39 38 46 37 25	84	26 10 21 58 36	571 550 525 466 1215	6P 7A	7A 7A 7A 7A 7A			CORPS OF ENGINEERS EVERETT M. MC GAUGHEY CORPS OF ENGINEERS CORPS OF ENGINEERS MRS. RITA RIDDER
WEST LIBERTT WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK DAM	8551 8709 8714 8724	NORGAN WHITLEY GRANT	5 2 4 4 2	37 55 36 44 38 38 37 36 36 52	83 84 84 83 65	15 10 38 50 09	852 1010 914 649 585	8A 8A 7A	8A 8A 7A 6A 8A	84	н :	MRS. ELIZABETH BROWN ESTIL N. NEADOWS HENRY MORTHCUTT CORPS OF ENGINEERS CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	BUTLER	3	37 11	86		504		7A		c	CORPS OF ENGINEERS

^{† 1-}BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OHIO; 8-SALT; 9-TENNESSEE

See Page 144 for Reference Notes

551.05 UNKE

U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

KENTUCKY

THE HERMAN OF THE MAIL 25 1000

recommendation

ANNUAL SUMMARY 1959
Volume LIV No. 13



	Jan	uary	Feb	ruary	Ma	rch	Aı	pril	Ma	y	Ju	ne	J	uly	Au	gust	Septe	mber	Oct	ober	Nov	ember	Decer	nber	Ann	ual
STATION	Temperature	Departure	Temperature	Departure	Тетрегариге	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ANCHORAGE ASHLANO DAM 29 BARBOURVILLE BAROSTOWN 5 J PREP SCH BAXTER	31.5 33.8 36.1 34.21 32.2	- 3.5	2.00	1+1 2+1	42.6 44.4 45.5 41.3	- 1.7 - 1.6	56.1 56.9 57.1N 58.5 54.0	1 • 8	67.6 69.5 69.5M 70.0 67.4	4 • 0 4 • 2	71 • 6 72 • 3 72 • 6! 72 • 9 70 • 4	- 1.6			76.8 78.7 77.1 77.3 76.9	2.1	70.5 72.1 70.3 71.9 70.2	2.1	57.5 59.7 60.2M 59.2 59.0	- •2	42.2 44.4 45.0 44.3 43.0	- 2.2 - 2.2	38.7 41.0 41.1M 40.2 38.7M	3 • 1 2 • 7	55.8 57.6 57.6 55.7	• 5
BEAVER DAM BENHAM BENTON 2 SEPEA TOLLEGE BLAINE	34.3N 30.9 34.1 35.0 33.5	- 3.2	39.7 38.2 39.2 41.4 39.8	2 + 1	46.4 40.0 48.1M 46.4 42.6	- •6	58.5N 54.1 58.5 55.2	1.7	70 • 4M 67 • 4 70 • 1 69 • 8 67 • 4	4 • 3	73.2 68.7 72.5 72.5 69.4	- 1:4	76 • 8 74 • 2 76 • 3M 77 • 2 74 • 8	•2	78.0 75.4 77.5 78.5 75.8	2.7	71 • 4 69 • 9M 71 • 0M 72 • 0 68 • 7	2 • 2	59.4 58.2 58.1M 60.5 57.3	1.4	45.0 43.9 43.1 47.7 41.8	1.3	41.1 38.8 41.4M 41.8M 38.2	3 • 2	57.8 55.0 58.5 55.4	1.2
BONNIEVILL® 80WLING GREEN FAA AP CAMPBELLSVILLE CARROLLTON LOCK 1 CLERMONT 1 SSE	33.7 33.7 34.7 31.7 33.4	- 5.0	38.7 39.2 41.0 39.1 39.5	· = 1.3	43.9 44.5 45.7 43.4 45.3M	- 3.9	56.8 56.8 58.0 57.0 57.5) - 1•5 r	69.0 69.9 69.7 69.0 70.5M	2 • 6	71 • 6 73 • 5 73 • 3 72 • 7 73 • 6	- 2.9	75.9 77.3 77.6 76.4 78.0	= 2.1	77.1 78.9 78.4 77.3 79.4	• 9	71.0 72.1 72.3 70.9 72.9	. 5	58.6 59.2 60.5 58.2 60.0	- 1.0	43.8 42.8 45.0 43.6 45.5	- 4.5	40.5 40.4 41.0 39.7 41.3M	1+2	56.7 57.4 58.1 56.6 58.1	
COVINGTON WB AIRPORT CYNTHIANA Z OANVILLE OEWEY DAM OIX DAM	29.3 29.3 31.3 32.9 34.2	- 2.5	35 • 6 34 • 9 36 • 5 37 • 8 40 • 2	1.7	%1 o 1 40 o 4 42 o 3 42 o 4 44 o 6	6	55.6 54.0 56.0 53.9 57.9	3 • 5	67.9 67.7 68.1 67.1 69.7M	5 • 4	72.6 71.2 72.1 70.3 73.0	e 8	76.7 76.3 76.3 76.2 77.6	1.6	78.5 77.2 77.5 77.8 78.4	5.0	71.0 70.8 71.7 70.4 72.6	3.7	56.8 56.9 57.9 59.4 60.5	•8	40.6 41.0 41.9 43.8 45.5	- 2.8	37.7 37.9 38.8M 39.1 41.1	4.1	55.3 54.8 55.9 55.9 58.0	
ELIZABETHTOWN FALMOUTH FARMERS FLEMINGSBURG 2 FORDS FERRY DAM 50	32.7 31.6 33.6 31.2 33.1	- 3 • 2	38 • 2 38 • 6 40 • 2 38 • 0 39 • 4	2 • 3	44.8 42.9 43.8 42.7 47.9	- 1+7	56.4M 55.6 56.4 55.7 59.0	1 • 2	69.5 68.0M 68.7 68.1 70.9	4 a 3	71.4 71.7 70.7 71.5 74.9	1 - 1.9	75 • 4 76 • 1 76 • 0 75 • 5 77 • 8	.3	77.7 77.4 76.6 76.7 79.6	2+5	71 • 4 70 • 3 70 • 0M 70 • 4 72 • 5	2 • 0	59.4 58.0 58.7 58.0 60.0M	1.7	44.2 43.4 44.2 42.8 43.7	8	41.1 39.2 39.4 39.2 41.7	3 • 1	56.7 56.1 56.5 55.8 58.4	. 8
FRANKFORT LOCK 4 GLASGOW WKAY GOLDEN POND 8 N GRAYSON 1 SE GREENSBURG	30.7 34.4 33.9 32.5	- 5.9	36.0 40.3 39.8 37.9	- 1.9 - 1.3	40 • 7 45 • 3 47 • 6	- 4.7	54.1 57.2 58.3 56.3	= a0	67.6 69.1 69.8	3 • 1	72 • 1 71 • 6 73 • 0 71 • 7	- 2 • 1	76.6 75.9 75.9 75.6 76.6	- 1.0	78.0 77.0 77.7 77.5 78.2	2 • 1	70.8 70.6 71.0 69.5 71.6M	1.0	57.3 59.2 59.7 56.7 58.9	- 1.2	41.5 44.1 43.7 41.7M 42.9	- 4.3 - 2.9	38.5 40.9 42.6 37.8 39.8	1.1	55.3 57.1 57.7	~ 1.3 ~ .6
GREENVILLE 2 W HEIDELBERG LOCK 14 HENDERSON 7 SSW HICKMAN 1 E HINDMAN SETTLEMENT SCH	34.6 33.6 32.8 33.8 30.6	- 2.9	40.4 40.7 38.9 39.2 37.5	.8	46.7 43.9 47.0 45.3 41.1	- 48	58 + 8 56 • 0 58 • 8 57 • 0 54 • 8	1.7	70 • 1 M 69 • 1 70 • 0 71 • 2 67 • 0	4 • 7 3 • 9	73.3 71.3 73.7 74.9	- 1+3	76.1M 76.2 76.6 77.1 74.4	- 1.8 - 2.3	77.7M 77.1 78.0 78.9 74.2M	1.0	71.2 70.0 71.5 73.5		59.4M 59.3 58.9 60.3	• 3 • 1•2	44.4M 43.9 42.3 43.4 41.7M	4.3	41.6 39.7 40.9 41.7 36.8	3 • 1 3 • 3	57.9 56.7 57.4 58.0	3
HOPKINSVILLE INEZ IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT	33.4 34.0 33.1 34.0 31.1	- 4.7 - 3.6 - 3.4 - 2.8	39.8	- 1•7 •5 •6 1•4	45 • 1 42 • 2 45 • 4 45 • 7 42 • 4	- 2.8 - 1.1 - 1.3 - 1.9	55.9 58.0 58.5	1.4 1.7 1.3	66+3 59+9K 69+7	3 • 7 4 • 3 3 • 9 4 • 4	73.3 69.5 73.8 73.0 72.7	- 2 • 3 - • 7 - 1 • 6 - • 3	74.2 77.5 76.7	- 2 • 1 - • 4 - 1 • 2 • 7	78.4 75.4 78.9 78.0 78.1	2.5	72.3 67.2 72.2 72.0 71.5	2 • 1 1 • 7 2 • 0	60 • 1 55 • 2 59 • 0 59 • 9 58 • 6	•0 - •2 •4 •7	42.6 40.5 43.5 44.1 42.3	- 4.4 - 2.6 - 2.5 - 2.5	40.9 40.4M 40.0 41.0 38.5	2.4 2.7 2.6	57.5 55.2 57.6 57.7 56.2	8 .4 .2 .8
LONDON FAA AIRPORT LOUISVILLE LOUISVILLE WB AP LOVELACEVILLE MADISONVILLE 1 SE	32.6 34.3 32.5 34.3 33.7	- 2 · 4 - 3 · 8	38.9 40.3 38.9 39.6 40.0	- 1.0	42.3 46.3 44.7 48.1 47.0	- +9 - +6	54.7 60.3 58.7 59.1 59.2	2 • 7 • 7	67.9 72.2 70.8 70.7 70.1	5 a 5 3 a 8	70.9 77.3 75.9 73.9 73.3	1.07	75.9 80.5 79.8 76.7 76.3	1.9	77.0 81.4 80.6 78.4 77.7	4.5 +0	69.9 74.0 73.7 71.7 71.0	3.5 .3	57.6 60.2 59.1 60.0 59.4	• 5	41.4 44.4 43.3 43.9 43.5	- 2.4 - 3.5	38.5 40.8 39.9 41.8 41.6	3 • 0 2 • 7	55.6 59.3 58.2 58.2 57.7	1.7
MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELD MAYSVILLE OAM 33 MIOOLESDORO	33.3 35.6 34.7 29.7 36.8	- 6.0	39 • 7 42 • 1 39 • 9 35 • 1 42 • 9	- 1.4	45.1 44.0 48.7 39.9 45.7	- 4.2	56.9 57.6 59.2 53.9 57.8	→ •2	68.9 69.0 71.1 66.4 68.6	3 • 0	71.0 71.8 74.5 70.5 71.1	- 2+3	74.3 76.7 77.4 74.8 76.4	- 1.5	74.9 77.7 79.0 76.2 77.0	1.5	69.0 70.9 72.7 68.9 70.3	.6	58.5 60.1 59.9 56.7 60.1	7	44.3 44.6 44.8 41.5 45.4	- 3.4	40.8 40.9 42.6 37.8 41.8	1.6	56.4 57.6 58.7 54.3 57.8	- 1.1
MONTICELLO MOUNT STERLING MOUNT VERNON MURRAY OWENSBORO 2 W	36.0 33.1 33.7 35.3 32.9	- 3.6 - 3.7	41.5 39.6 40.0 39.9 39.4	- 1:4	45.5 44.3 44.1 48.0 46.3	- 1.2 2	56.9 57.0 56.5 58.8 58.5	•1 2•0	69.0 69.3 68.4 71.2 70.6	3 • 8 4 • 8	71.7 71.7 71.0 74.3 74.6	- 1.9 7	76.6 75.7 75.9 77.2 77.2	- 2.1 - 1.3	77.4 77.2 76.7 79.2 78.4	.6 1.6	71.07 70.6 70.5 72.6 72.5	1.2	60.4 58.9 60.4 61.2 60.3	.3 1.0	45.0 43.4 43.1 44.2 43.9	- 3.1 - 2.0	41.7 39.7 39.7 42.5 41.3	2.5	57.8 56.7 56.7 58.7 58.0	4
PADUCAH FAA AIRPORT PAOUCAH PIKEVILLE PRINCETON RICHMOND	33.0 33.8 36.5 34.3M 31.3	~ 3.9	37.9 40.0 44.1 39.2 36.4	- •9	46.5 49.0 46.6 46.7M 41.7	- 1.3	57.7 60.1 59.2 58.3 54.9	o 4	70.6 71.7 71.3 69.8M 68.0	3+1	74.3 75.1 73.2M 73.8 71.2		76.8 78.3 77.8 76.5 76.1	- 2.5	78 • 1 78 • 8 79 • 5 78 • 2 76 • 8	±3	71.9 73.2 72.6 72.0 70.8	• 9	58.8 60.8 61.8 59.8 57.8	- •3	41.02 44.01 46.3 44.1 42.4	- 2.8	40.8 42.3 42.3 41.5 38.5	2.7	57.3 59.0 59.3 57.9 55.5	4
RUSSELLVILLE ST JOHN BETHLEHEM ACAO SCOTTSVILLE SHELBYVILLE SOMERSET 1 N	34.7 31.3 35.4 32.5 34.1	- 4.7	40 • 1 35 • 6 41 • 3 38 • 7 40 • 0	1 • 2 = 2 • 0 1 • 5	46.5 42.2 46.3 44.0 43.6	- •4 - 3•1 - •9	58.2 55.1 58.9 56.6 55.8	- •9 - •4 1•9		4 • 3 2 • 8 4 • 8	73.3 72.6 72.7 72.9 70.4	- 2 • 3 - 1 • 2 - • 5	76.3 77.1	- 2.2 7 4	78.8 78.3 77.5 76.1	1.8	71.9 72.3 71.2 70.1		59.9 60.9 59.3 58.5		44.9 45.2 45.6M 43.2	7	42.0 42.1 38.6M 39.9	2.3	58 • 4 56 • 9 56 • 2	• 5
SUMMER SHAOE VANCEBURG OAM 32 WARSAW MARKLAND OAM WEST LIBERTY WILLIAMSMURG 2	34.0 32.4 29.8 34.4	~ 6:1	39.4 39.3 36.3 40.4	- •7	44 a 7 43 a 4 40 a 8 44 a 3	- 4.3	56 • 1 56 • 4 54 • 0 56 • 4	- 1.1	69.2 68.6 67.9 69.3	3 • 2	72.5 72.1 70.1 72.1	- 204	77.2 75.3 78.7 75.7 77.0	~ *3	77.8 76.5 80.3 76.5 78.3		71.3 69.9 73.0 69.0 71.7	1.6	59.7M 57.9 59.6 56.5 60.7M	1.6	44.4 43.1 42.8 41.1 44.2	- 2.6	40.6M 39.3 38.8 37.2 40.8	.9	57.3 56.2 54.6 57.5	6
WILLIAMSTOWN 5 WSW WOLF CREEK OAM	28 • 2 33 • 7	- 7.2	34.9 38.6	- 1.5	40 • 1 41 • 5 M	- 4+2	54+1 54+3	- 1.0	66 • 5 67 • 0	1.3	70 • 8 70 • 3	- 3.4	75.4 76.0	- 2.2	76.7 77.0	•6	70.5 70.1		55.9 58.3	- 3.0	39.2	- 5.9	36 • 8 40 • I	1+0	54+1 55.8	- 2.0
OIVISIONAL AVERAGES	33.9	- 3.8		- •3	47.1	- +6		.9			73.9	- 1.8	76.8	- 2 · 0 - · 7	78 • 4	•8	72 • 0	1.1	59.8			- 3.2		3.0	58 • 0	- +2 +1
CENTRAL BLUE GRASS EASTURN	33.5 31.5 33.7	- 3.5 - 4.9 - 5.1	37.7	•4 •0 •4	44 • 6 42 • 5 43 • 2	- 2.0 - 2.9 - 3.7		•7 •5 • •6	68+3	3 • 8 3 • 5 3 • 1	72.8 71.9 71.0	- 1.7 - 1.8 - 7.4	77.0 76.5 75.9	- 04	78 • 1 77 • 6 76 • 9	2.0	71 • 7 71 • 1 70 • 2	1.6 1.6 .8	59.3 58.2 58.9	- •3	43.9 42.6 43.4	~ 2 • 1 - 2 • 9 - 2 • 7	40 • 5 38 • 9 39 • 7	2 • 6 1 • 8 1 • 0	57.3 56.0 56.4	4 7

A narrative Special Weather Summary appeared in the April, May, September and October issues of this publication for 1959.

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

PENTUCE

TABLE 2					AA A	1.4	HILA :	AHGUM	918W11936	or tones	+60 VEM 810	119 \$14.050	Perental
	PANJAR	FEBRUARY	LANT	AFE	44.4	150	1019	A.M.O.					21
STA UN	* ***	100 co	*	5 2 4 C		\$6 5 10 4 7 4 7 7 8 9	716. 74.47° 18	New Year	26. se	96 - 36 a 97 - 38	PPEC#	MK.	
ADDISON ON 65 ADOLUNUS I N ALHANY 6 N ALLEN AN HORAGE	7.079 J.18 5.503 5.503 1.882 5.500 .00	0 1 -1 0 1 0000 0013 1 101	+96 = 2+6 +62 +63 +88 -14 +12 =2+7	1 = 12 = 2 = 68 1 = 2 1 = 06 6 = 19 1 = 0 = 2 = 89	17.675 8.76 5.69 4.06 2.94 5.07 1.09	2+32 =[+41 +01 3+2, 1+65 +57 =3+46	6.90 1.48 7.84 1.87 4.16 7.74 = .93	4+9 +11 4+57 7+29 5+36 3+71 +17	2+60 +6 	4 0 1 8 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5+78 3+51 4+75 1+62	5.77 7.04 3.70 +59	**************************************
APEX ' NP ASHLAND DAM ' BARBOHN LLC BAROST WN L J PRI CP BAXIER	5+80; 4+02 +04 4+06 6+15 4+06	7+57 7+31 = +58 3+65 3+17 7+10	2+17 +89 =2+4 +21 -+32 +35	1.86 1.61 .11 5.21 1.22 1.75	5+18 4+67 +79 4+45 4+57 4+12	7+11 1+71 -2+29 1+35 1+59 3+00	5 a 4 B 4 a 0 B a 0 5 1 a 3 O 7 a 4 1 1 a 4 5	8+15 1+04 =1+45 1+90 1+10 7+82	2.02 1.45 -1.17 1.78 .57 2.65	4.26 1.23 1.37 5.60 4.20	%: 99 7: 16 1: 1: 15 6: 6: 6 4: 7: 6 6: 17	1.60 1.4042 5.22 4.37 4.02	49.09 39.18 4.68 (48.51 (42.10 44.75
BEAVER OAM BENTON 2 BEREA COLLEGE BER A WITER WORK	5 +64 6 +81 1 +17 1 + 79 - 4 +19 +89	- 0% - 076	0 + 0 0 0 0 77 0 0 6 77 0 0 0 0 0 0 0 0 0 0	1+27 4+89 1+77 1+94 4+03	6 + 08 3 + 88 2 + 58 3 + 71 = +12 3 + 65	5+20 3+11 1+32 1+82 =2+98 1+71	4.98 5.86 7.98 1.05 -1.94 6.1,	3.74 3.59 5.96 1.44 = .73 6.57	2+68 5+14 5+28 +18 =2+58 +31	4.05 5.27 3.84 3.15 .94 3.13	3.78 5.74 3.51 2.87 ~ .41 3.60	4+07 4+65 4+66 3+41 - +15 3+75	149.79 94.47 [44.19 L33.43 -11.66
BLAINE HONNIEVILLE HOWLING GREEN HOWLING GREEN SEGSTA HOWLING GREEN FAA AP	*/* **********************************	+011 +81 1+60 3+3 4+10 +17	2.19 2.49 7.60 2.57 7.29 -1.34	4.78 7.99 7.03 2.86 3.6044	5.74 4.62 5.16 6.16 4.32 .51	1 ± 5 ± 4 ± 3 ± 1 ± 5 ± 3 ± 1 ± 6 ± 3 ± 9 7 ± 4 8 = ± 4 6	4+63 9+07 2+85 4+24 1+17 =1+10	1.73 7.52 2.57 7.38 3.76 .05	4 = 66 1 + 93 2 + 97 2 = 40 2 + 21 = = 98	3.03 5.67 3.55 3.93 4.55 2.21	3.47 3.75 3.86 3.88 4.25 .78	3.03 5.17 4.21 4.07 4.2022	E39.61 57.00 41.08 44.05 45.65 - 3.01
ARENT DAM 16 ROWN:VILLE L K 6 HURDIN NE HURK:VILLE GAOI? LOCK E	1 + 45	1.25 .47 .75 -1.36 .767 .77 .45	2+82 -1+51 +79 -2+60 1+84 3+20 2+47	1.69 -1.84 2.54 -1.58 4.62 4.18 1.71	1.3806 5.14 1.42 3.95 4.61 4.65	2.98 -1.15 2.17 -2.15 2.60 1.44 3.66	3.55 .04 5.10 1.08 3.60 3.79 3.22	2.8448 4.95 .76 2.61 2.44 4.39	1 • 5 3 - 1 • 3 5 2 • 0 2 - 1 • 3 0 4 • 3 3 2 • 2 4 4 • 2 7	3.54 1.34 5.65 3.14 3.83 4.08 3.77		3 • 35 • 65 4 • 33 • 13 2 • 33 3 • 5 2 4 • 4 0	38.26 - 1.24 E46.02 - 3.06 E42.60 41.42 43.36
CALHOUN LOCK CAMPHELLSVILLI CANEYVILLE CARROLLTON LOCK 1 CLAY CITY WNW	6+03 3+96 4+57 5+21 1+18 3+50	7.620° +65 7.652 2.42 ±08 2.41	7.52 35 3.14 7.41 =7.1 2.85	1.32 3.15 2.11 .99 =2.76 3.40	5.16 4.12. 7.03 3.67 3.20	2.26 2.19 4.31 1.28 -2.56 2.18	6 • 43 7 • 62 5 • 42 3 • 41 - +02 3 • 95	7.84 3.83 5.01 3.25 ~ .35 3.68	1.52 .98 2.86 .41 -2.48 1.24	5 • 19 4 • 57 4 • 23 4 • 11 1 • 7 3 • 08	2.83 4.64 3.33 3.99 1.03 3.01	3.79 4.21 4.50 2.72 .05 3.26	35.76
CLERMONT 1 SS CORB COLLEGE HELL LOCK 11 COVINGTON WE AIRPORT CUMBERLAND FALLS ST PK	4.45 4.08 3.28 -1.3 7.61 4.2 3.17	2.77 3.11 2.11 -1.30 3.18 .63	2.49 1.55 2.37 -2.30 52 -1.52 2.95	1.89 1.82 3.1534 2.33 -1.26 5.21	4.95 4.95 2.9174 2.9253 3.21	1.57 4.47 2.46 -1.80 5.85 1.81 4.06	3.68 3.68 3.25 -1.60 2.7798	3 · 81 7 · 27 3 · 04 = · 99 1 · 80 = 1 · 54 2 · 46;	1.28 2.52 .22 -2.50 1.88 -1.09 1.43	4.98 5.56 2.76 .79 3.05 .89 4.18	8 4.04 1.01 4.79	4.68 4.55 3.2114 3.03 .20 4.90	40.98 1.82 E47.24
CYNTHIANA CYNTHIANA 2 OANVILLE DELPHIA 1 E OEWEY OAM	5+43 1+ E 5+45 4+78 = +1 3+74 3+50	2.47 = .61 2.50 2.09 =1.67 2.80 2.50	2.97 ~1.92 3.03 3.75 ~1.62 3.49 1.96	2.63 =1.25 .82 3.66 = .14 4.27 4.17	2.3499 2.44 2.83 -1.31 4.65 3.26	2.67 -1.01 2.56 2.97 -1.63 6.24 3.60	6.51 2.90 6.39 6.57 2.25 5.34 4.71	5 • 26 1 • 96 4 • 50 3 • 67 - • 23 1 • 97 2 • 10	*18 -2 *50 *21 1 *92 -1 *08 2 *98 2 *33	5 • 79 3 • 8 5 • 72 3 • 55' 1 • 3 5 • 03 4 • 97	5 4.44 1.32 5.21 9 4.12 .90 6.07 3.82	3.93 .94 3.56 3.91 .42 4.06 1.96	E44039
O1X DAM OUNCEE BARRETTS FORD B OUNMOR EOCYVILLE LOCK F EOMONTON	E 4.36 7.89 E 5.27 5.36 4.97	E 2.24 2.41 E 2.75 2.99 E 4.53	2 • 11 2 • 51 3 • 51 2 • 03 3 • 69	2.79 1.77 2.29 .91 3.50	2.92 7.21 7.44 2.65 4.97	692 4178 1075 1028 3193	3 • 82 3 • 87 5 • 89 2 • 88 2 • 89	2 • 81 4 • 0 2 6 • 3 5 6 • 5 7 5 • 4 7	•58 4•36 3•47 3•16 2•65	3 • 03 3 • 94 3 • 48 4 • 23 3 • 68	3 · 8 · 8 · 4 · 0 · 2 · 1 · 8 · 1 · 2 · 2 · 3 · 4 · 0 · 7	4.05 4.47 5.91 5.35 4.30	E33.44 51.25 E49.92 39.64 E48.65
ELIZABETHTOWN ELKHORN C17Y ELKTON 2 S FALMOUTH FARMERS	4 • 83 F 2 • 44 4 • 1 7 5 • 68 1 • 61 4 • 23 + • 4			1.54 4.95 2.55 2.34 =1.61 3.34 = .56	6.32 3.51 4.10 3.59 ~ .17 4.63 .61	2.05 3.67 2.97 3.11 -1.04 3.9944	5.18 4.94 3.84 5.21 1.20 7.16 2.61	5.59 5.67 4.47 3.21 .07 4.44 .26					
FLEMINGSBURG FLEMINGSBURG 2 FORD LOCK 10 FORDS FERRY 0AM 50 FRANKFORT LOCK 4	5 • 44 • 7 • 5 • 55 4 • 42 = • 1 • 5 • 21 • 5 • 5 • 42 • 9 • 9	2 • 71 8 2 • 45 - • 92 2 1 • 88 -1 • 48	2.03 ~3.16 2.20 1.89 ~2.65 1.85 ~3.41 2.17 ~2.66	3.78 = .20 3.51 2.66 = .96 .92 = 3.21 2.25 = 1.84	1.38 =2.56 1.74 4.25 .48 8.17 4.70 4.62 .74	5.97 1.61 4.91 3.6876 3.53,19 1.86 -1.95	6.88 2.37 8.32 4.9703 2.6214 4.73 .35	5.50 1.53 5.30 2.8985 9.28 6.05 2.33 -1.27	1.81 -1.49 1.43 .62 -2.14 5.78 2.60 .36 -2.36	3 • 74 2 • 50 • 4	4:38 6 3:32 :20 9 1:73 -1:60	3 . 99 . 85	47.23 37.35 - 6.95 48.26 5.48
FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL GEORGETOWN WATER WORKS	5 • 1 6 2 • 6 0 3 • 2 3 5 • 5 0,	3.52 2.31 3.35 2.08	2 ± 69 3 ± 25 	2 • 92 5 • 41 4 • 66 2 • 50	4 • 21 3 • 63 - 2 • 52 2 • 47	1 • 2 2 4 • 5 3 — 2 • 8 2 1 • 6 2	2 • 71 3 • 90 	6 • 21 3 • 37 2 • 73 3 • 93 1 • 97	2 · 11 2 · 37 1 · 09 3 · 90 • 46	4 · 5 2 5 · 26 3 · 40 3 · 58 5 · 95	4.71 5.81 2.54 3.96 4.41	4.41 3.53 3.71 3.49 3.56	44 • 39 45 • 97 43 • 5 8 36 • 90
GEST LOCK 3 GLASGOW GLASGOW WKAY GLENOALE 1 E GOLOEN PONO 8 N	5.40 1.1 6.67 6.19 4.55 4.30	8 7.6231 4.31 4.67 2.26 4.46	1.78 -2.86 3.55 2.70 2.59 2.04	2.02 -1.86 2.78 3.18 2.06 3.04	3.78 .25 4.85 5.16 5.86 5.81	.39 -3:38 5:51 5:78 3:47 2:28	4.79 .47 4.39 4.72 7.14 8.45	2 • 11	1.31 -1.55 4.20 3.25 1.65 4.81	3 • 1 4 • 9 6 • 4 1 5 • 9 6 4 • 4 3 4 • 3 2	3 4.23 1.14 4.75 5.40 3.81 3.98	3:15 :18 4:79 5:30 4:27 4:73	3 34.92 ~ 7.05 56.40 56.99 45.98 53.98
GRANT DAM 38 GRAYSON 1 SE GREENSBURG GREENSBURG HIWAY 61 88 GREENUP DAM 30	7:46 3:6 - 4:93 = .5 4:94 4:68 :8	3 · 08 - · 66	2 • 60 -2 • 98 E 2 • 57	2.14, -1.29 3.29;53 2.82; 5.04 1.45	3.96 .90 5.68 1.36 5.20 1.61 -2.25	3 • 38 - • 16 2 • 85 2 • 45 - 2 • 39 2 • 58 3 • 53 - • 58	2.9850 2.67 7.29 3.06 7.15 3.7067	2.4326 2.51 2.42 -1.53 2.14 3.3113	2 • 73 • 45 - 2 • 67 • 52	2 · 34 · 1 3 · 44 5 · 21 2 · 8 4 · 91 2 · 93 · 6	2 • 95 5 • 00 1 • 62 4 • 17	1 • 79 4 • 46 4 • 42	46.86 - 1.89 E44.29
GREENVILLE 2 W HARTFORO 6 NW HAZARO WATER WORKS HEJOELBERG LOCK 14 HENDERSON 7 SSW	4.77 = .3 5.12 4.20 3.66 -1.1 6.95 2.0	2 • 43 2 • 59 0 2 • 60 - 1 • 21	3.17 2.50 1.55 -3.45		6.01 2.24 6.94 4.16 4.11 .33 8.74 4.87		4 • 38 • 21 3 • 44 4 • 82 2 • 66 • 2 • 51 3 • 91 • 70		•91 4•52 •55 =2•07	4.00 1.5 4.15 5.43 3.28 1.2 3.39 .4			
HICKMAN 1 E HICKSVILLE HIGH BRIOGE LOCK 7 HINOMAN SETTLEMENT SCH HOPKINSVILLE	5 • 20 4 • 94 5 • 03 4 • 30 5 • 09 - • 3	2 • 82	2 • 84	2.96 1.92 2.58 =1.14 4.56 2.49 =1.68	5 . 27	2 • 12 1 2 • 76 1 1 • 15 = 3 • 46 5 • 12 4 • 09 = • 06	4.02 7.33 7.21 2.93 1.51 8.07 4.42	1.02	3 • 26	2 · 86 2 · 84 3 · 10 - · 2 5 · 44 3 · 22 · · 7	5.57	E 2.16	E43 . 87
HYOEN INEZ IRVINGTON JACKSON JEREMIAH	3.65 E 4.33 6.42 1.8 3.23 E 3.25	2.59 2.31 2.7083 3.00 E 1.89	2 • 13 E 1 • 99 1 • 76 1 • 96 1 • 81	5 • 21; 4 • 48 1 • 37 -2 • 65 4 • 32 3 • 07	4.60 3.72 6.61 2.74 2.75 4.19	2.77 1.63 2.61 =1.63 2.66 1.68	7.29 3.01 2.7269 1.51 3.27	2.84 1.91 4.57 1.37 1.83 3.38	4 • 80 1 • 91 2 • 35 • 67 2 • 00	5 6 4 3 3 6 4 8 4 6 2 6 2 6 2 0 4 6 2 3	5 6 7 E 3 8 8 0 5 4 8 5 3 1 6 4 2 2 8 9 1 4 8 5 4	3 · 62 2 · 90 4 · 26 2 · 96 3 · 37	50.60 E35.47 44.16 E30.00 E36.68
KEENE 1 NNE KENTUCKY OAM LA GRANGE 1 SW LANCASTER LEITCHFIELO	4.94 5.44 E 6.90 3.99 -1.4 4.966		E 2.43 2.64 2.80 3.28 -2.19 3.29 -2.10	3.11 1.32 1.37 2.8976 1.44 -2.75	2.45 4.24 3.30 2.01 -2.14 7.11 3.18	1.52 1.46 1.04 3.7394 3.18 -1.22	5.03 3.39 2.74 6.25 1.19 6.41 2.55	5.55 4.69 3.20 5.20 1.44 4.98 1.42					E42.30 40.37 E40.91 40.33 - 8.23 48.0025
LEXINGTON W8 AIRPORT LIBERTY LITTLE HICKMAN LOCK 8 LOCKPORT LOCK 2 LONDON FAA AIRPORT	4.86 .3 4.17 2 3.53 -1.5 6.67 2.0	3 • 40 2 • 65 -1 • 09		3 • 6 0 2 • 6 7 - • 9 1	3.2036 3.74 2.25 -1.68 4.44 .51 4.32	3.21 -1.00 3.84 1.00 -3.79 .82 -3.33 3.03	6 • 11 3 • 46 = 1 • 25	2:19 =1:18 3:24 5:60 1:77 2:14 =1:12	2 . 85	3.91 1.4 4.95 3.20 1.1 4.65 2.2 4.33	3 · 82 8 3 · 33 · 17		47.04 E34.66 -11.67
LOUISA 2 LOUISVILLE LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE	3.49 5.95 5.51 1.4 6.36 5.59	2 • 72	2.74	4.38 1.48 1.68 -2.33 1.67 1.46 -3.01	8 . 64	1.59	2 • 43 3 • 53 2 • 61 - • 47 3 • 89 3 • 54 • 38	3 • 74	•54	4.15 3.30 3.26 .8 3.34 3.29 .1	4 6 5 5	3.97	43 • 75
MAOISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELO MAYSVILLE OAM 33	5.20 5.64 3.54 5.53 5.14	2 • 67 3 • 37 2 • 56 3 • 88 2 • 87 - • 37	2 • 21 2 • 22 1 • 71 2 • 32 7 2 • 83 -1 • 98	1.07 3.04 4.84 2.34 3.1866	4.88 5.27 3.41 3.84 2.22 ~1.40	2 • 85 3 • 11 1 • 54 2 • 73 2 • 78	3 · 82 3 · 96 4 · 78 4 · 87 5 · 34 1 · 02	14.09 2.73 2.24 4.29 1.23 =3.01	3 • 04 1 • 87 2 • 66 4 • 93 1 • 84 = 1 • 2	5:46 3:47 5:76 3:93 4:63 2:3	2 · 5 3 5 · 0 2 5 · 9 9 2 · 5 1 5 · 2 9 2 · 2	3 • 60 4 • 91 3 • 95 4 • 64 3 • 26	51:42 44:61 42:58 45:81 40:61 - 3:58

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

TABLE 2 - CONTINUED

KENTUCKY

TABLE 2 - CONTINUED	7	1				· · · · · · ·	·						1959
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
STATION	PRECIP	PRECIP	PRECIP DEPARTURE	PREC IP DEPARTURE	PRECIP DEPARTURE	PRECIP	PRECIP	PRECIP	PRECIP. DEPARTURE	PRECIP	PRECIP DEPARTURE	PRECIP DEPARTURE	PRECIP DEPARTURE
MCKEE MIDDLESBORO MIOWAY MILLERSTOWN MONTICELLO	4 • 4 8 5 • 7 4 5 • 6 6 4 • 92 3 • 50	3.53 3.61 2.23 2.15 3.19	3.20 4.35 2.49 E 2.95 3.11	4 · 77 3 · 96 2 · 46 2 · 26 4 · 73	3 · 85 6 · 29 4 · 01 6 · 56 4 · 44	3 • 5 0 2 • 0 0 2 • 9 1 4 • 3 3 2 • 5 0	5 1 2 4 • 7 2 5 • 0 3 8 • 9 3 4 • 0 5	4.04 1.86 2.82 3.68 1.45	1.77 .24 .64 1.17	3.99 4.66 5.72 5.03 3.67	3 • 72 5 • 6 4 5 • 6 1 3 • 3 5 4 • 0 7	4.36 5.75 4.08 4.79 5.68	45 • 05 50 • 35 43 • 26 E 49 • 59 43 • 56
MOUNT STERLING MOUNT VERNON MUNFOROVILLE I N MURRAY OLNEY	5.65 .8: 4.21 5.32 E 3.77 -1.50 7.15	3.47	3 • 66	3.3080 4.92 2.64 2.60 -1.61 1.21	2.95 -1.12 3.81 5.02 4.67 .59 3.57	3.8069 1.87 2.29 2.6864 3.58	3.32 -1.81 4.97 8.40 4.86 1.22 3.78	1.077 -1.96 4.33 1.02 3.1920 7.08	.26 1.83	2.74 .44 3.24 5.36 5.47 2.60	3 • 5 4 • 5 4 3 • 8 3 4 • 7 2 3 • 4 2 - • 2 1 2 • 7 0	E 3.56 .02 4.55 4.48 3.3982	E38.04 - 8.61 43.12 46.02
ONEIDA ONEONTA OAM 35 OWENSBORO 2 W OWENSBORO OAM 46 PADUCAH FAA AIRPORT	4.50 5.16 1.44 E 7.53 2.71 7.36 2.56 5.72	2.15 -1.11	2.33 -2.99	4.18 2.50 -1.10 1.39 -2.73 1.37 -2.82 1.35	8.23 4.40	2.74 -1.16	4.49 4.58 .90 7.14 3.79 7.48 4.42 3.21	8 45 5 03		4.06 1.56	4.70 3.45 1.961.39 1.67 -1.62 2.18		47.68 E38.65 .26 E52.00 7.71
PAOUCAH PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON	5.42 .42 3.27 2.9479 5.14 E 5.63 .43	2.57 1.84 -1.73 3.01	1.09! -4.19 2.43 2.76 -1.91 3.52 1.83 -3.65	1.40 =2.98 4.35 4.76 1.39 4.02 1.39 =2.72	6.49 2.47 3.72 4.49 .41 5.97 2.15 -1.82	2 • 86 - • 84 2 • 36 3 • 44 -1 • 03 4 • 73 1 • 21 -2 • 73	3 • 68, • 65 3 • 93 4 • 48 ~ • 41 2 • 64 4 • 90' 1 • 59	4.12 .82 2.63 4.84 .95 1.75 6.30 2.91	4.61 1.25 .97 1.8996 2.57 2.6642	4.30 1.55 4.55 4.47 2.43 5.82 2.3834	3 • 55:	E 3.89 .34 1.9478 5.10 4.25 .43	
RAVENNA LOCK 12 RICHMOND ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SU85TA	E 4.0842 4.13 5.48 E 7.14 1.70 5.51	2 • 26 2 • 49	2 • 6 6 2 • 9 5	3.20 = .43 3.21 1.72 3.38 = .59 3.18	3:32 - :24 4:14 4:84 5:22 1:60 4:90	1.99 -2.09 2.09 2.93 2.12 -1.76 1.68	4.03 =1.06 5.06 3.68 4.11 = .28 4.10	3 • 62 - • 85 9 • 41 7 • 59 4 • 25 3 • 98	*41 =2.54 *23 2.11 2.72 = .88 2.71	2.87 .94 3.41 3.78 3.83 1.63 3.34	2.8739 3.26 2.89 2.6290 3.05	2.6531 3.49 3.85 4.1108 3.86	43.35 44.31
ST JOHN BETHLEHEM ACAD SALVISA LOCK 6 SALYERSVILLE 2 SE SCOTTSVILLE SCOTTSVILLE 2 SW	4 a 1 3 -1 a 41 5 a 5 1 a 0 5 3 a 5 6 5 a 4 9		2 • 09 - 3 • 0 3 2 • 65 -2 • 6 8 2 • 46 2 • 5 2	1.81 -2.53 3.1284 5.04 2.98	5.33 1.24 3.2063 6.27 4.21	2:44 -1:69 1:67 -2:72 3:34 3:26	4.80 .84 5.38 1.54 3.22 3.98	2.02 2.14 3.86	- •19 1•17 1•87	4.83 2.59 4.91 4.91 3.96	- 4.79 1.42 3.84 5.29	- 4.68 1.22 2.15 5.06 4.31	40.53 - 6.43 40.43 48.59
SEBREE SHAWNEE STEAM PLANT SHELBYVILLE SHEPHEROSVILLE SOMERSET 1 N	5 • 43 5 • 43 5 • 33 6 • 26 3 • 96	E 2.70 2.72 2.34 -1.16 E 2.12 4.37	E 2.16, 1.96 2.79 -2.80 E 2.25 3.27	1.00 1.64 -2.69 1.78 3.92	7.55 5.44 3.3769 4.11 2.96	4.65 3.10 1.47 -3.02 2.04 4.39	6.20 2.49 5.08 1.33 4.26 4.36	9.77 4.81 4.95 3.59 5.54	1.98 6.27 .77 -2.13 .78 1.00	9 • 13 3 • 83 4 • 67 2 • 25 5 • 86 4 • 99	2.55 2.35 4.61 1.10 4.39 2.70	5.55 3.37 2.00 ~1.63 5.24 5.10	E60.50 42.77 E39.02 - 7.90 E41.07 46.56
SPRINGFIELO STEARNS SUMMER SHADE SUMMER SHADE SUBSTA TAYLORSVILLE	5 • 43 3 • 20 4 • 63 4 • 69 E 5 • 51	2.09 3.46 4.81 5.24 2.40	2 • 2 0 3 • 4 0 3 • 6 6 3 • 8 2 2 • 6 1	2 • 78 5 • 01 3 • 37 3 • 39 1 • 89	4.68 3.73 4.40 4.14 5.51	2.93 2.46 2.47 3.09 1.81	6 • 21 3 • 92 2 • 53 2 • 04 3 • 67	3.30 2.96 4.09 3.49 3.66	1.29 2.66 3.29 3.02 1.07	5 • 12 5 • 44 3 • 70 3 • 63 4 • 93	5 • 11 6 • 72 4 • 35 3 • 89 4 • 13	3 · 86 4 · 55 4 · 77 4 · 57 3 · 85	E45.00 47.51 E46.07 45.01 E41.04
TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY VIEW LOCK 9 VANBUREN	3.79 5.59 .67 6.38 2.02 3.86 -1.12		2.62 2.62 -2.53 2.58 -2.17 2.59 -2.15	2.07 2.85 -1.17 1.23 -2.89 2.39 -1.09	4.58 3.4715 7.90 4.09 3.4922	3.06 4.79 .90 2.5374 1.96 ~2.48	5.71 5.35 1.33 2.7455 6.39 1.34	4.87 3.2554 8.83 5.51 9.26 5.22	4.63 .40 -2.48 3.51 .22 .33 -2.72	4.77 6.24 3.96 2.96 .34 3.73 1.80	2.97/ 4.76/ 1.44/ 1.73/ -1.45/ 3.43/ .14/	4.39 4.20 .63 3.82 .90 3.52 .10	47.06 46.14 46.61 43.06 - 2.72
VANCEBURG OAM 32 WARSAW MARKLANO OAM WAYNESBURG 7 NE WEST LIBERTY WILLIAMSBURG 2	5 • 1 4 • 89 	3.06 = .15 2.80 2.08 3.38 = .81	2.30 -2.44 	3.45 ~ .26 3.93 3.66 4.65' .98	3.00 -1.04 - 2.88 3.81 5.18 1.15	2.83 -1.42 -2.69' 1.75 3.0273	4a73 a55 4a32 5a41 6a05 4a91 a10	2.03 -1.83 3.32 2.59 4.11 4.10 .30	•71 -1•91 •68 •13 3•33 1•90 - •64	3.88 1.60 3.38 3.45 3.44 5.30 3.15	4.63; 1.63 3.60 3.49 3.54 6.37 3.15	2.4765 2.76 4.18 2.67 5.68 2.03	38.23 - 5.03 38.33 E40.48 52.08 6.60
WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK OAM WOODBURY LOCK 4	5.20 .77 3.86 -1.23 4.09 4.5386	2.82 = .43 2.23 -1.86 3.36 2.8697	2 • 68 - 2 • 34 1 • 77 - 3 • 47 3 • 78 2 • 86, - 2 • 38	1 • 79 -2 • 23 3 • 81 • 30 4 • 04 2 • 58, -1 • 47	4.07 .20 5.44 1.71 5.19 4.92 1.21	2.47 ~1.55 1.98 -2.35 1.51 4.58 .60	5.44 1.65 3.13 -1.78 3.78 6.90 3.13	3 • 31 • 01 4 • 40 • 08 3 • 30 6 • 11 2 • 49	.30 -2.72 .49 -2.27 1.66 4.83 1.45	4.79 2.49 3.47 1.40 5.63 4.07 1.63	4.14 1.00 3.1432 4.13 2.6686	3.61 .60 2.9661 4.11 4.64 .77	40.62 - 2.55 36.68 -10.40 44.58 51.54 4.74
OIV15IONAL AVERAGES						,			-ţ-				
WESTERN CENTRAL BLUE GRASS EASTERN	5.54 .44 5.2206 5.20 .37 4.0455		2.04 -3.35 2.54 -2.79 2.49 -2.48 2.74 -2.17	1 • 99 -2 • 30 2 • 47 -1 • 59 2 • 76 -1 • 13 4 • 35 • 77	5 • 42 1 • 45 5 • 09 1 • 16 3 • 31 ~ • 54 4 • 26 • 27	2.85 = .96 2.54 -1.66 2.74 -1.57 2.82 -1.42	4 • 74 • 95 4 • 74 • 67 4 • 81 • 33 4 • 36 — • 28	5.94 2.50 3.92 .26 3.5323 2.9593	3 • 78	3.89 1.24 4.61 2.18 4.12 1.85 4.18 1.96	2 · 88 - · 61 4 · 55 1 · 19 4 · 11 · 93 4 · 51 1 · 35	4 • 09	46.50 ~ .21 44.98 - 1.95 39.89 - 5.38 42.85 - 2.43

Table 3						Last spr	lng minimu	m of			First f	all minimun	rof				er cld esn ds		
Station					l iw	talow to f	24 or bol iw	28 or below	J2 or below	32 nr balow	2 ct below	24 or below	20 00 bearw	16 or below	35,	No 2	No sq	# C 2	2
	Highest	52.0	Lowest	De e	0 1.	Date Ter p	Date Temp	Date Temp	Date T mp	Date	Date	Dane	ра.е Тенр	Date Temp)6 or	ध	24 02	8	13 13
ANCHORAGE ASMLAND DAM 29 BARROURVILLE BARDSTOWN S J PREP SCH BAXTER	05 05 05 05	6-30 8-14 8-79+ 8-29+ 7-2		1- 5 1-18 1- 5 1- 6+	3-18:15 2-21:16 2-22:16 3-18:19 3-18:16	3-73 19 3-23 20 2-22 16 3-23 20 3-20 20	1-23 20 2-26 24 1-23 20 3-24 21	3-23 20 4-15 28 3-28 27	4-23 29 3-28 29 4-24 30 4-23 30 4-25 32	10-19 10 10-18 13 11- 3 23	11-8 25 11-3 25 10-28 27 11-3 27	11-17 23 11- 8 18 11- 9 22 11- 8 20	11-18 14 11- 8 18 11-17 14 11- 8 20	11-17 14	270 269 244 245	240 259 239 233	239 235 231 229	230 207 214 274	714 178 178 197
BEAVER DAM BENHAM BENTON 2 BEREA COLLEGE BLAINE	93 97 96 98 96	7-30+	- 6	1- 5 1- 6+ 1- 5 1- 6 1-18+	2-21 10 3-18 15 2-21 10 3-18 11 3-23 13	3-18 00 3-23 19 3-18 20 3-23 20 3-23 13	3-23 22 3-23 19 3-23 24 3-28 23 3-29 22	4-24 28 3-28 28 3-28 23		10-19 31 10-18 31 10-19 33 9-19 3	10-28 78 11-3 26 11-6 28 10-28 25 10-19 25	11- 6 17 11- 7 24 11- 8 17 10-29 24	11-8 16 11-8 16 11-6 17 11-3 20	11-18 14 11-17 12 11-16 10 11-8 15	245 269 245 230	230 235 230 235 230	230 229 225 214	193 223 214 187	178 204 179 148
BONNIEVILLE BOWLING GREEN FAA AP CAMPBELLSVILLE CARROLLTON LOCK I CLERMONT 1 SSE	98 98 98 97 98	8-24+	- 2 - 3 - 5	1- 5 1- 5 1- 5 1- 5 1- 5	3-18 14 2-21 13 2-21 14 3-18 15 3-18 14	3-23 17 3-18 20 2-21 14 3-23 17 3-23 18	3-23 17	3-23 23 3-28 28 3-28 25		10-27 33 10-28 30 10-19 33	2 11-6 28 2 10-28 25 3 11-7 27 2 11-3 28 10-28 28	11-8 24	11-17 19	11-17 19	270	244 269 239	230 230 230	219	195 188 179
COVINGTON WE AIRPORT CYNTHIANA 2 DANVILLE DEWEY DAM OIX DAM	97 98 95 96	8+25 7+ 1 9-30 8-24+ 8-26+			2-21 16 3-23 16 2-21 13 3-24 16 3-18 16	3-22 17 3-23 16 3-22 20 3-24 16 3-22 20	3-28 24 3-28 24 3-24 16	4-23 27 3-29 25 4- 5 28	3-29 25 4-25 31	10-18 3: 10-28 2:	9 11- 7 24 1 10-28 26 9 11- 7 26 5 11- 3 26 9 11- 7 28	11-8 20	11-8 20 11-17 18 11-8 20	11-17 10 11-18 11	239	230 240 729	275	188 223 212	177 213 192
ELIZABETHTOWN FALMOUTH FARMERS FLEMINGSBURG 2 FORDS FERRY DAM 50	96 97 96 95	7-31 8-25+ 8-25 6-30+ 7-9	- 4	1= 5 1= 5	3-18 16 3-23 15 3-18 12 3-18 12 2-21 16	3-23 18 3-23 15 3-23 17 3-23 18 2-21 16	3-28 24 3-28 23 3-28 22	4-23 28 4-14 27 3-28 22	3-28 31	10-19 3 10-19 2 10-18 3 11- 6 2	11-628 10-2828 10-1928 110-2828 110-2828	11- 6 21 11- 3 24 11- 8 21 11-17 11	11-17 10 11-8 10 11-17 10 11-17 10	5 11-17 1 11-18 1 11-17 1 11-17 1	239 245 244 269	239 230 239 269	225 220 225 269	188 188 214 228	178 178 178
FRANKFORT LOCK 4 GLASGOW MKAY GOLDEN POND 8 N GRAYSON 1 SE GREENSBURG	96 94 96 - 95		- 8	1- 6+ 1- 5 1- 5 - 1- 6+	3-19 15 2-21 10 2-21 7 - 2-21 10	3-24 19 3-18 20 3-23 19 3-23 20	3-23 21 3-23 19	4-14 27	4-23 30 4-23 29	10-28 2	1 11- 8 23 9 11- 6 26 1 10-28 27 9 10-28 27 2 11- 7 28	11-8 2:	3 11-17 16 3 11- 8 11 4 11- 8 11	B 11-17 1 9 11-18 1	2 269	230	229	197	179
GREENVILLE 2 W MEIDELBERG LOCK 14 HENDERSON 7 SSW HICKMAN 1 E HIMPMAN SETTLEMENT SCH	95 94 97		3 - 4 - 3 0 - 3		2-21 10 3-23 15 2-20 15 2-21 15 3-23 11	3-18 19 3-23 15 2-21 17 2-21 15 3-23 11	3-23 15 3-22 22 3-17 22	4-15 28 3-28 28 3-17 22	4-24 30 3-28 28 4-14 32	10-19 2 10-28 3 10-19 3	2 11- 6 28 9 11- 3 24 0 11- 6 25 2 11- 7 20 11- 3 24	11- 3 24 11- 8 24 11- 7 20	11-8 1	8 11-18 1 0 11-17 1 0 11-17 1	240 270 3 269	230 269 259	225 231 235	202 223 235	214
MOPKINSVILLE INEZ IRVINGTON LEITCHFIELD LEXINGTON WB AIRPORT	96 98 96 94 95	8-12 8-25 8-25	- 2 - 5 - 3		2-21 13 3-23 14 2-21 13 2-21 13 2-21 12	3-23 14 3-22 20 2-21 13	3-31 24 3-23 21 3-22 23	4-24 28 3-28 26 3-28 27	4-24 28 4-23 31	10-12 3	9 11- 7 25 0 9-19 28 2 10-28 26 7 11- 6 25 2 11- 6 26	10-19 2	2 11- 3 1 1 11-17 1 4 11-17 1	9 11- 8 1 1 11-17 1 3 11-17 1	3 230 1 269 3 269	225 240 269	202	214	171
LONDON FAA AIRPORT LOUISVILLE LOUISVILLE W8 AP LOVELACEVILLE MADISONVILLE 1 SE	94 99 100 96	6-30 8-264 6-304	- 1 - 2 - 3		2-21 10 2-20 13 2-21 16 2-21 12 2-21 12	2-21 17 3-18 19	3=22 21 3=23 24 3=23 23	3-28 28 4 3-28 28 4-14 28	3-28 28 3-28 28 4-23 31	3 10-28 3 3 10-28 3 10-19 3	1 11- 3 27 1 11- 6 26 1 11- 8 26 2 10-28 28 2 11- 6 28	11-17 1 11- 8 2 11- 7 1	0 11-17 1 4 11-17 1 B 11- 7 1	0 11-17 1 3 11-17 1 8 11-17 1	0 270 3 269 1 269	269 244 259	240 230 229	223 225 197	179
MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELD MAYSVILLE 0AM 33 MIDDLESBORO	94 97 98 94 95	8-26- 7-18 8-26-	0 - 4	1- 5 1- 6+		3-23 18 2-21 16 3-24 18	3-23 18 3-16 26 3-28 26	3 = 29 28 4 3 = 23 26 4 3 = 29 25	5-17 31 4-14 31	10-19 2	1 11- 6 28 4 10-19 24 1 11- 6 2 2 11- 3 2 0 11- 3 2	10-19 2	4 11 - 8 1 1 11 - 17 1 3 11 - 18 1	8 11-18 1 3 11-17 1 1 11-18 1	2 242 3 269 1 244	230	236	204 228 219	155
MONTICELLO MOUNT STERLING MOUNT VERNON MURRAY OWENSBORO 2 W	97 98 94 96	6-29 7- 9- 7-30	- 5	1- 5	2-21 10 3-18 16 3-18 15 2-21 14 2-21 15	3-22 20 3-23 18 2-22 19	3=28 2: 3=27 2: 3=16 2:	3 3-28 23 4 3-27 24 3 3-23 25	4-13 32 4-24 33 4-14 33	2 10-28 2 2 10-19 3 1 10-28 3	1 10-28 28 8 10-28 78 0 10-28 2 1 11- 6 28 8 11- 6 28	11-82 711-81	0 11-8 2 8 11-8 1 8 11-7 1	0 11-17 1 8 11-17 1 8 11-17 1	6 244 5 244 3 269	231	225 226 236	214 215 228	198 178 191
PADUCAH FAA AIRPORT PADUCAH PIKEVILLE PRINCETON RICHMOND	95 97 98 98	7-30- 8-25- 8-30	+ 3	1- 5	2=21 15 2=21 13 2=21 12 2=21 9 3=18 14	2-21 13 3-18 20 3-23 15	3-16 2 3-23 2 3-23 1	4 3-23 25 2 3-23 22 9 4-14 25	4-23 32 3-29 29 4-23 29	10-28 3 9 11- 3 2 9 10-28 3	9 11- 6 20 0 11- 6 20 9 11- 8 20 1 11- 6 20 2 11- 7 2	3 11= 7 2 4 11= 8 2	4 11-17 1 4 11-18 1 0 11-8 2	1 11-17 1 7 NONE 0 11-17 1	2 269	269 245 230	236	228 230 206	188 219 188
RUSSELLVILLE ST JOHN BETHLEHEM ACAD SCOTTSVILLE SHELBYVILLE SOMERSET 1 N	95 95 96 93	8-25 8-25 7-16	+ - 2 - 3 - 6	1- 5	2-21 11	2-21 13 3- 2 20 2-21 13 3-22 1	3-23 2	3 3-23 23 3 3-23 23 1 3-28 25	4-4 3:	1 10-19 3	2 11- 7 2 2 10-28 2 2 10-28 2 1 10-28 2	7 11- 8 2 8 11- 8 2	0 11-8 2 3 11-17 1	0 11-17 1 3 11-17 1	6 269	260	230	219	179
SUMMER SMADE VANCEBURG DAM 32 WARSAW MARKLANO DAM WEST LIBERTY WILLIAMSBURG 2	95	8-24	-	1- 5	3-18 16 - 3-23 15	2-22 10 3-18 13 - 3-24 20 3-18 1	3-23 2 - 3-24 2	1 3-28 25 - 0 4-15 26	4-14 3	1 10-26 3	10 11- 6 2 11- 3 2 11- 8 2 17 10-19 2 12 11- 3 2	7 11- 8 2 1 11- 8 2 7 11- 3 2	3 11-17 1 1 11-17 1 3 11- 8 1	9 11-18 1 4 11-17 1 8 11-18 1	2 245	244	230	187	17
WILLIAMSTOWN 5 WSW WOLF CREEK DAM	9:	8-26	- 6		3+23 16 3+19 16		3=29 2 9 3=24 2		4-24 3	0 10-18 2	10-29 2	8 11- 8 2	1 11-17 1	0 11-17 1	0 239	239	224	214	170

Table 4

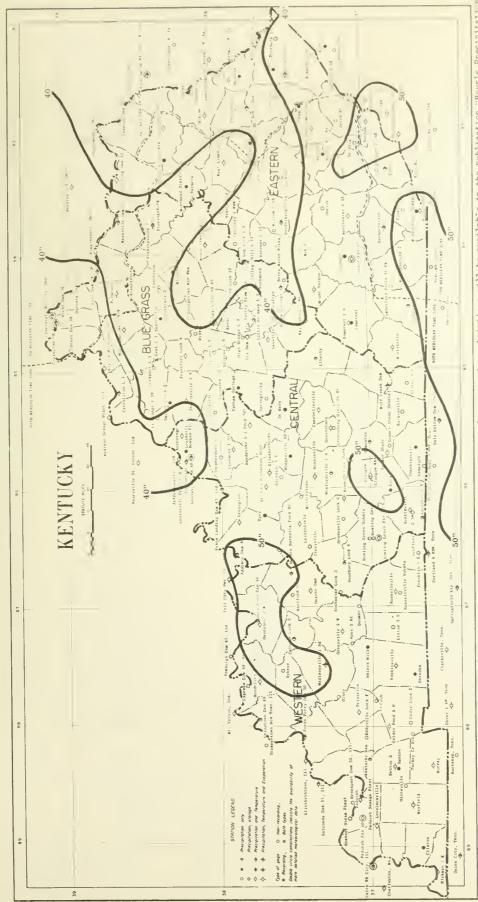
TOTAL EVAPORATION AND WIND MOVEMENT

KENTUCKY 1959

Station		Jan.	Feb.	Mar.	Āpr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEWEY DAM	EVAP DEP	_	-	-	**	B4.98	B5.41	B5.94	B5.42	B4.40	B2.05		_	_
	WIND	=	_	_	_	B1487	897	B 271	61	164	235	_	-	_
DIX DAM	EVAP DEP	_	-	_	B5.14	5.55	6.37	7.42	B6.06	5.97	B3.93	-	_	-
	W1ND	-	-	-	B2331	1523	1064	1131	644	1108	906	Ι Ξ	-	_
MADISONVILLE 1 SE	EVAP DEP	_	_	-	6.25	6.60	8.17	7.74	B5,93	B5.26	-	-	-	- ,
OLF CREEK DAM	WIND	-	-	-	2149	1851	1370	1204	1021	1093	-	_	_	- `
OLF CREEK DAM	EVAP DEP	_	_	_	B4.48	B5.66	6.38	B6.57	6.21	5.12	B3.78	-	_	-
	W1ND	~	-	-	1151	843	669	712	544	878	909	1427	_	_

CHANGES IN STATION NAMES

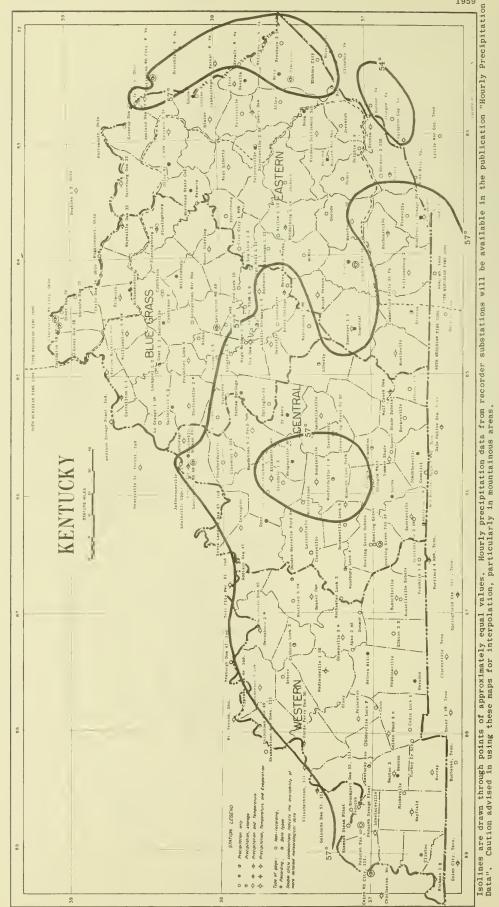
NEW NAME	OLD NAME	DATE
ALBANY 4 N HENDERSON 7 SSW LONDON SHELBYVILLE WARSAW MARKLAND DAM	ALBANY HENDERSON 4 SW LONDON 3 W SHELBYVILLE 2 W WARSAW LOCK 39	March 1959 September 1959 August 1959 December 1959 August 1959
	RELOCATION AND CHANGES OF EQUIPMENT	
ALBANY 4 N BARBOURVILLE CADIZ LOCK E CLERMONT 1 SSE FRENCHBURG	All equipment moved 4.0 miles N All equipment moved 100 feet NE All equipment moved 15 yards SSE All equipment moved 0.2 mile S All equipment moved 0.4 mile WSW	November 1, 1958 July 17, 1959 December 15, 1959 June 22, 1959 July 9, 1959
GREENSBURG HIWAY 61 BR LONDON LONDON RICHMOND SEBREE	All equipment moved 100 feet S All equipment moved 3.5 miles NE All equipment moved 1.0 mile NE All equipment moved 0.5 mile SW All equipment moved 0.1 mile E	April 1, 1959 August 26, 1959 November 5, 1959 June 19, 1959 May 1, 1959
SHELBYVILLE VANBUREN	All equipment moved 0.2 mile ENE All equipment moved 0.5 mile W	December 14, 1959 October 26, 1959



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitati
Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

KENTUCKY 1959



	T	1 1 1		v.	nam of	T.,							1				Yens		Open	inet.	
Station	O County	Dramage	Longitude	g i	ecord 6	duma duma Opene	vi 1	Refor to ables		Station	Toex No	County	Dr. 409	Latinde	Longrande	Ere abon	P - P		forting 2		Huler to tables
ADDISON DAM 95 ADDLPHUS 7 N ALBANY 9 N ALLEN ANY SHIFAND	dust BRECKINKID 0043 ALLEN 0063 CLINTON 0093 FLOYO 0155 JEFFERSON	E 7 37 33 3 36 39 2 36 45 1 37 33 7 38 16	85 15 6 85 08 70 82 41	180 600 000 658 700 61	\$2 28 9 20 82	51	PT 1	2 C 2 2 2 2 3		JEREMIAH KENTU EN JAN LA GRAPET I "W LANGASER	4474	FTCHER JE * AMINE LIVING/TON OLDIAM GARRAND	4 19 7 4	11 70 37 57 17 81 18 24 17 17	82 1h 84 18 85 7h 85 24 81 35	179 941 162 874 7837	1	10 19 12 A			3 7 7 2 2 3
APEX 2 NE ASHEANO DAN 29 DARHOUNVILLE DANDS TOWN 5 J PREP SCH BANTER	0185 MAINE ENSERG 0254 BOYO 0187 KNOR 0197 NELSON 0450 HARLAN	3 17 08 T 18 27 2 16 12 8 37 48 2 16 57	82 16 81 53 16 81 28	510 551 46 000 70 631 10	14		1	2 2 3 2 3 C 2 3 C 2 3 C		IEI IMTELB LEXINGION MU AIRPORT LIBERTY LITTLE HICKMAN LOCK B LOCKPORT LOCK 2	4746 4735 4825 4857	GRAYSON FAYE 77F CASEY JE'SAMINE HINRY	1 4 4	17 71 18 02 37 21 17 45 18 26	84 36 84 35 84 35 84 35	647 573 772 880 485	80	10 10 10 10 10 10 10 10 10 10 10 10 10 1			1 2 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SEAVER DAM SENTAM SENTON SENTON 2 SEREA COLLEGE	0490 CHTO 0595 HARLAN 0611 HARSHALL 0619 MARSHALL 0679 HA0150N	1 17 25 2 10 50 9 10 51 9 36 51 4 37 34	82 57 7 88 20 88 20	441 5: 585 7: 395 305 6: 1070 5:	4 4		1	2 1		LOWLICK I 5 LONDON FAA AP LOUISA LOUISA 2	4895 4898 4945 4946	LAWNENCE	2 1 1	37 31 37 08 37 05 38 07 18 07	82 17 82 30	1195 1197 567 565	6	0			123
BEREA WATER WATER BLAINE BLEOGOE 2 55E BONNTEVILLE BOWLING WEEN	0524 MADISON 0752 LAWRENCE 0770 HARLAN 0854 MART 0904 WARREN	4 17 33 1 18 02 4 36 54 3 17 23 3 37 00	82 50 83 20 I 85 54	1010 670 1870 102 536	19 4 4 1 4 4 35	1 3	UNE	2 3 2 3 2 3 2		LOUISVILLE LOUISVILLE BOWMAN FLD LOUISVILLE WB AP LOUISVILLE UPPER GAGE LOVELACEVILLE	4951 4954 4955 4967	JEFFER'ON JEFFERSON JEFFER'ON JEFFER'ON OALL ARO	7 T 6	38 14 38 13 38 11 38 17 36 58	85 46 88 50	462 558 474 403 370	26	26			1 2 3 (
BOWLING GREEN SUBSTA BOWLING GREEN FAA AP BRENT DAM NO BROWNSVILLE LOCK 6 BURDINE 2 NE	0907 WARRIN 0909 WARREN 0978 CAMPRELL 7046 EUMONSON 1120 PIKE	3 3T 01 3 36 58 7 39 03 3 1T 12 1 37 13	84 25 86 16	470 939 7 497 410 1643	1 T 78 35 43 8		1	2 3 2 2 2 C		LUCAS NADISONVILLE 1 SE MAMMOTH CAVE PARK MANCHESTER 4 SE MAYFIELD	506T 5097 5117 5230	BARREN HOPK INS EDMONSON CLAY GRAVES	3	36 53 37 19 37 11 37 06 36 44	87 29 86 06 83 43 88 39	839 800 850 364	25 9 46	13 25 9 17			1 2 3 4 4 1 2 3 7 2 3 1 2 9
BURRESVILLE CA017 LOCK E CALMEND LOCK 2 CANPBELLSVILLE CANEVYILLE	1117 CUMBERLANG 1206 TRIGG 1227 M. LEAN 1236 TAYLOR 1294 GRAYSON	2 36 4T 2 36 46 3 3T 32 3 37 20 3 37 25	87 16 87 16 85 21	600 424 402 771 600	9 42 15 15 2			2 2 2 2 1 2 3		MAYSVILLE DAM 13 NC KEE NC KINNEYSBURG META MIOOLESBORO	5291 5301 5370 5389	MASON JACKSON PENDLETON PIKE BELL	2	30 38 37 26 30 36 31 34 36 37	84 00 84 16 82 27 83 43	1000		68			1 2 3
CARROLLION LOUK 1 CLAY CITY 1 WNN CLERANNI 1 SSE CLINTON COBB	1344 CARROLL 1576 POWELL 1671 BUL ITT 1631 HICKHAN 1663 CALOWELL	4 36 41 4 37 52 8 37 55 6 36 41 2 36 59	89 00	460 772 540 390 490	9 56 9 9 2			1 2 3 C 2 1 2 3 C		NIODLESBORD SEWAGE PL NIOWAY NILLERSBURG MILLERSTOWN MONTICELLO	5407 5430 5438 5524	BELL WOODFORD BOURBON GRAYSON WAYNE	4 01 11 14	36 36 36 39 38 78 37 2T 36 50	84 41 84 09 86 03 84 50	1130 189 588 360		19 23		IHAG	2 2 1 2 3
COLLEGE MILL LOCK 11 eCOVINGTON WE AIRPORT CUMBERLAND FALLS ST PK LYNTHIAHA CYNTHIAHA 2	1704 ESTILL 1855 BOONE 1969 WHITLEY 1998 HARRISON 2003 MARRISON	4 37 47 7 39 04 2 36 50 5 38 23 5 38 23	84 40 84 19 84 18	611 869 1070 684 719	51 13 13 9 43 9			1 2 3 C 2 2 1 2 3		MOREHLAO STATE COLLEGE MOUNT STERLING MOUNT VERNON MUNFOROVILLE 7 N MURRAY	5646 5648 5684 5694	ROWAN MONTGOMERY ROCKCASTLE HART CALLOWAY			83 56 84 20 85 53 88 20	930 1137 636	67 4 34	70 4 32 34		JULY	1 2 3 1 2 3 2 C 1 2 3
8ANVILLE OAVELLA OELPHIA 1 E OEHA OEMEY DAM	2040 80YLE 2053 MARTIN 2132 PERRY 2139 KNOTT 2180 FLOYD	4 37 39 1 37 48 4 37 02 1 37 25 1 37 45	82 32 83 07 82 48	955 718 164 T 850 653	2T 51 20 7 9	7		1 2 3 C 2 C 1 2 3 4 C		OLIVE HILL OLIVE HILL 2 WNW OLNEY ONE10A ONE0NTA DAN 35	6013 6020 6028 6033	CARTER CARTER HOPKINS CLAY CANPBELL		7 38 18 7 38 19 7 37 14 6 37 16 7 38 58	83 12 87 47 83 39 84 18	895 533 750 512		18 2 38	JULY	302	2 2 2 2 1 2 3
OIX OAN OUNCE BARRETTS FORO BR OUNMOR O'FER EOOYVILLE LOCK F	2214 MERCER 2358 OH10 2366 MUHLENBER 2391 BRECKENRI 2445 LYON	IGE 3 31 42	87 00	8T0 440 592 793 420	7 7 19 20	7		1 2 3 4 2 C 2 C		OWENSBORO 2 W OWENSBORO OAN 46 PADUCAH FAA AIRPORT PAOUCAH PAOUCAH PAOUCAH PAOUCAH	6110	OAVIESS OAVIESS NC CRACKEN MC CRACKEN MC CRACKEN		7 37 46 T 37 4T 7 37 04 7 37 06 7 37 06	87 07 88 46 88 37 88 36	404 398 340 325	11	31			1 2 3 1 2 3
EDMONTON ELIZABETHTOWN ELKMORN CITY ELKTON 2 5 FALMOUTH	2469 NETCALFE 2510 MAROIN 2528 PIKE 2548 TODO 2775 PENOLETON	3 37 00 3 3T 41 1 37 16 2 36 47 5 38 40	85 52 8 82 21 8 87 10	865 739 800 520 560	17 4 8 9 2 5 73			2 C 1 2 3 2 2 1 2 3		PAINTSVILLE PIKEVILLE PINEVILLE PRINCETON RAVENNA LOCK 12	635 638 65 T 66 7	JOHNSON PIKE BELL CALOWELL ESTILL		1 37 49 1 37 29 2 36 45 2 37 06 4 37 40	82 31 83 42 87 53 83 57	686 1082 529 634		55 19 61 43			1 2 3 6
FARMERS FLEMINGSBURG FLEMINGSBURG 2 FORO LOCK 10 FOROS FERRY OAM 50	2791 ROWAN 2903 FLEMING 2908 FLENING 2953 HAOISON 2961 CRITTENOR	4 37 54	83 43 83 45 8 84 16	970 911 660	54 55 36 3 3 46 13 32			1 2 3 2 1 2 3 C 2 1 2 3 C	ş	RICHMONO ROCHESTER LOCK 3 RUSSELLVILLE RUSSELLVILLE SUSSELLVILLE SAGIEVILLE	688 704 705 707	5 MAOISON 2 OHIO 9 LOGAN 4 LOGAN 4 SCOTT		4 37 44 3 37 13 3 36 51 3 36 50 4 38 23	86 54 86 53 86 54 86 54	401 590 576 791	48	6 51 13		Lana	1 2 3
FRANKFORT LOCK 4 FRANKLIN 1 E FREEBURN 2 SW FRENCHBURG GAMALIEL	3028 FRANKL7N 3036 SINPSON 3046 PIKE 3052 MENIFEE 3112 MONROE	4 30 14 3 36 4: 1 37 3: 5 37 5: 3 36 3:	3 86 34 3 82 10 7 83 39	504 690 730 864 860	76 78 - 7 9 3			1 2 3 2 2 2 2		ST JOHN BETHLEHEN ACAO ST MARY SALVISA LOCK 6 SALYERSVILLE SALYERSVILLE 2 SE	709 712 712 713	1 MAROIN 6 MARION 1 WOODFORD 9 MAGOFFIN 4 MAGOFFIN		8 37 44 8 37 35 4 37 56 5 37 45 5 37 44	84 49 83 09 84 83 09	1 743 9 490 5 859 3 920		63		INA	2 2
GEORGETOWN WATER WORKS GEST LOCK 3 GLASGOW GLASGOW WKAY GLENOALE 1 E	3794 SCOTT 3203 HENRY 3241 BARREN 3246 BARREN 3252 HAROIN	4 38 1; 4 38 2; 3 37 0; 3 37 0; 3 37 3;	S 84 53 0 85 55 0 85 53	888 490 780 808 710	18 51 31 7 7			2 2 2 1 2 3 2		SCOTTSVILLE SCOTTSVILLE 2 SW SEBREE SHAWNEE STEAM PLANT SHELBYVILLE 2 W	722 723 731 732	S ALLEN 0 ALLEN 4 WEBSTER 1 NC CRACKEN 4 SHELBY		3 36 45 3 36 44 3 37 36 7 37 05 8 38 13	86 1: 6 87 3: 9 88 4 3 85 1:	3 760 2 348 7 345 6 825	69	13 0 19 8 71	SEP	T	1 2 3 2 2 2 1 2 3 2
GOLOEN PONO 8 N GRANT OAN 38 GRAYSON GRAYSON 1 SE GREENSBURG	3295 TRIGG 3358 BOONE 3391 CARTER 3392 CARTER 3430 GREEN	2 36 5 7 38 5 7 38 1 7 38 1 3 37 1	9 84 50 9 82 57 9 82 56	393 503 589 900 630	7 7 35 8 27 1 1 67 73	HAR	HAR	1 2 3 2 1 2 3 1 2 3 1 2 3		SHEPHEROSVILLE SNITHFIELD 4 5 SOMERSET SOMERSET 1 N SPRINGFIELD	747 750 751 760	4 BULLITT 3 SHELBY 8 PULASKI 0 PULASKI WASHINGTON	3	8 38 04 8 38 29 2 37 00 2 37 0 8 37 4	1 85 1	6 862 7 1050 7 1050 4 738	10	10			1 2 3
GREENSBURG HIWAY 61 BR GREENUP OAN 30 GREENVILLE 2 W HALEYS NILL MARTFORD 6 NW	3435 GREEN 3443 GREENUP 3457 MUHLEN8E 3539 CHRISTIA 3652 OHIO		7 82 51 2 87 12 3 87 20	590 538 519 740 429	10 41 44 22			2 2 1 2 3 C		STEARNS SUMMER SHAOE SUMMER SHAOE SUBSTA TATHAM SPRINGS TAYLORSVILLE	780 780 792 794	NC CREARY NETCALFE NETCALFE WASHINGTON SPENCER		2 36 4 3 36 5 3 36 5 8 37 5 8 38 0	3 85 4 3 85 4 2 85 0 2 85 2	3 864 0 - 9 693 1 483	10	19 10 11			1 2 3
MAZARO WATER WORKS HEIDELBERG LOCK 14 HENDERSON 7 SSW HERNOON	3709 PERRY 3714 PERRY 3741 LEE 3762 HENOERSO 3798 CHRISTIA	4 37 3	5 83 12 5 83 11 3 83 46 5 87 38 4 87 34	869 880 663 382 512	10 27 45 38 46			2 1 2 3 C 1 2 3 C		TOMPKINSVILLE TURKEY CREEK SCHOOL TYRONE LOCK 5 UNIONTOWN OAM 49 VALLEY VIEW LOCK 9	814 813 814 824	MONROE TRIGG TRIGG ANDERSON UNION JESSAMINE			88 0 84 5 6 87 5 1 84 2	1 52 7 35 6 57	8 1	13 42 31 47			2 2 2 2 2 2
HICKMAN 1 E HICKSVILLE HIGH BRIDGE LOCK 7 HINDMAN SETTLEMENT SCH HODGENVILLE NAT PARK	3816 FULTON 3821 GRAVES 3837 JESSANIN 3899 KNOTT 3929 LARUE	4 37 2	89 10 8 88 30 9 84 43 10 82 59 32 85 44	- 440 544 1080 788	10 10 13 56 12 12	3		1 2 3 2 2 1 2 3		VANSUREN VANCEBURG 0AM 32 WARSAW MARKLANO 0AM WAYNESBURG 7 NE WEST LIBERTY	825 844 848 855	ANOERSON ES LEWIS GALLATIN LINCOLN MORGAN			9 83 2 6 84 5 5 84 3 5 83 1	1 52 8 46 6 121 5 85	8 1 5 1 2 11	18	JUI	Υ.	1 2 3 1 2 3 2 1 2 3
MOPKINSVILLE HYDEN INEZ IRVINGTON JACKSON	3994 CHRIST74 4093 LESLIE 4134 MARTIN 4165 BRECKING 4196 BREATHI	1 37 5 1 DGE 3 37 5	81 87 30 10 83 23 52 82 32 53 86 17 33 83 23	638	64 64 26 9 63 6			1 2 3 2 1 2 3 1 2 3 2		WILLIAMSBURG 2 WILLIAMSTOWN 5 WSW WILLOW LOCK 13 WOLF CREEK OAM WOOOBURY LOCK 4	87	09 WHITLEY 14 GRANT 24 LEE 07 RUSSELL 24 BUTLER		2 36 4 4 38 3 4 37 3 2 36 5 3 37 1	8 84 3	8 91 0 64	57	41	-		1 2 3 1 2 3 2 1 2 3 4 C 2 C

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the State Climatologist at Weather Bureau Airport Station, Lee Terminal, Standiford Field, Louisville 13, Kentucky or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Climatological divisions, outlined on the maps in this bulletin became effective with data for June 1956.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

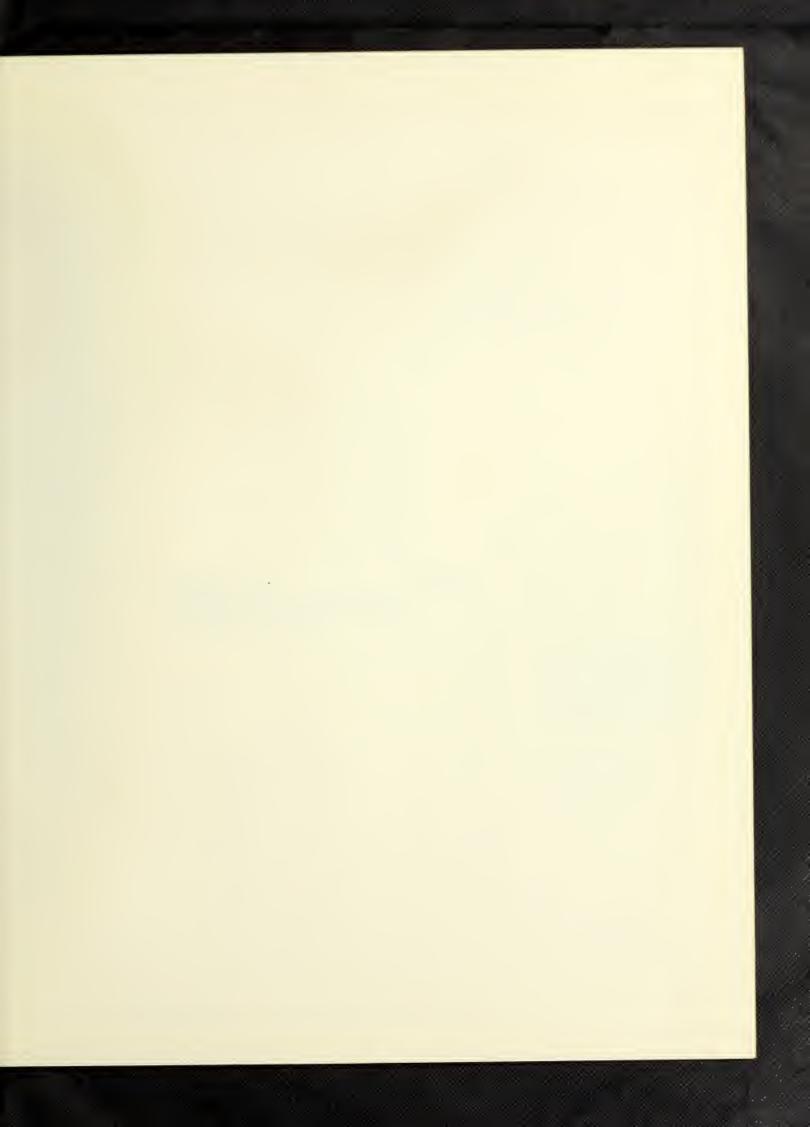
Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.
- + Also earlier date (dates) or months.
- * Amount included in the following measurement.
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to full month.
- C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wbolly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/3/60 --- 900



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